

# Texas Child Fatality Review Teams

## 1996-97 Biennial Report

### Data Book



Texas Child Fatality Review Team

## ACKNOWLEDGEMENTS

The production of this report is made possible through the efforts of the numerous people involved with collecting, reporting, compiling, and analyzing information related to child deaths in Texas. Expert contributions have been made by many professionals for whom the Child Fatality Review Team state committee offer our heartfelt thanks and gratitude for producing this report.

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## INTRODUCTION

This is a companion book to “The Texas Child Fatality Review Teams 1996-1997 Biennial Report”. This book is designed to provide the information necessary to more fully understand the magnitude and nature of child deaths in Texas.

The data used for compiling this report is taken from 4 sources: the Texas Department of Health, Bureau of Vital Statistics provided death certificate information and information from the Texas Child Death Registry. This registry is the collection of data reported from local child fatality review teams. Population estimates from the Texas A&M University State Data Center were used as the denominator in calculating mortality rates. The Texas Department of Protective and Regulatory Services, Child Protective Services (CPS) provided data regarding child abuse and neglect deaths.

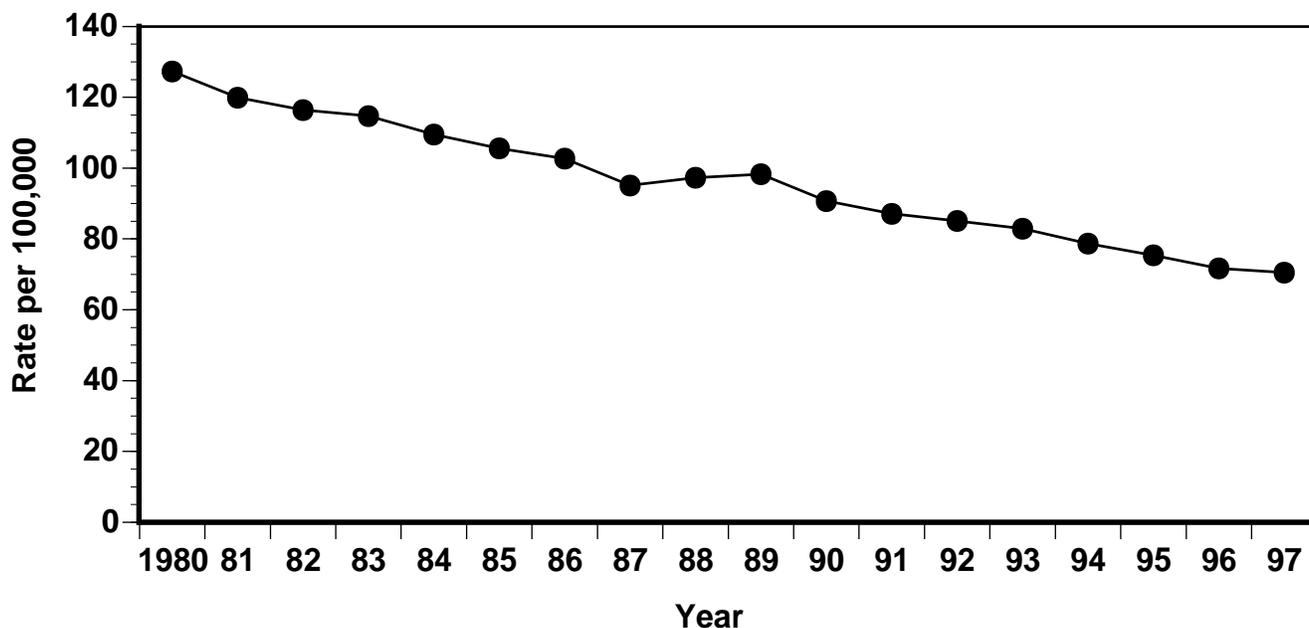
Each of the data systems has its own weaknesses. Although death certificates capture virtually all deaths in the state, there is little information about the circumstances of death. The Child Death Registry captures detailed information about the causes and circumstances of death, but not all child deaths are reviewed. In 1996 and 1997, local teams reviewed and reported 42% of all the child deaths in Texas and about 60% of the injury deaths. These proportions of reviewed deaths are an improvement from 1995 when many local teams and the reporting process were just being established, and demonstrate a continuing effort to improve the child fatality review process. Child maltreatment data from CPS is from fiscal year 1996 so is not the most recent data. Readers interested in more current information about fatal child maltreatment are referred to “Child Abuse and Neglect Related Deaths in Texas and the Nation” released in December, 1998 by the Texas Department of Protective and Regulatory Services.

Following a section providing a general overview of child mortality in Texas, this book is separated into particular manners and causes of death. Graphs, tables, and charts are presented for different causes of death. The source of the data is noted for each. Of note, injury data is presented by cause of death taken from ICD9 codes following the Centers for Disease Control (CDC) Injury Mortality matrix. This matrix is used to describe injury mortality in terms of ‘mechanism of death’ (cause) and the ‘intent’ (manner). Two sections, homicide and suicide, are manners of death and include all causes.

If you are interested in starting a child fatality review team in your area or desire more information about child fatality review, please contact:  
Janece Keetch, Texas Child Fatality Review Teams State Coordinator at (512) 438-4963.

## OVERVIEW OF CHILD MORTALITY

### Texas Child Mortality, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

#### Child Mortality by Age, Sex, Race

##### 1996

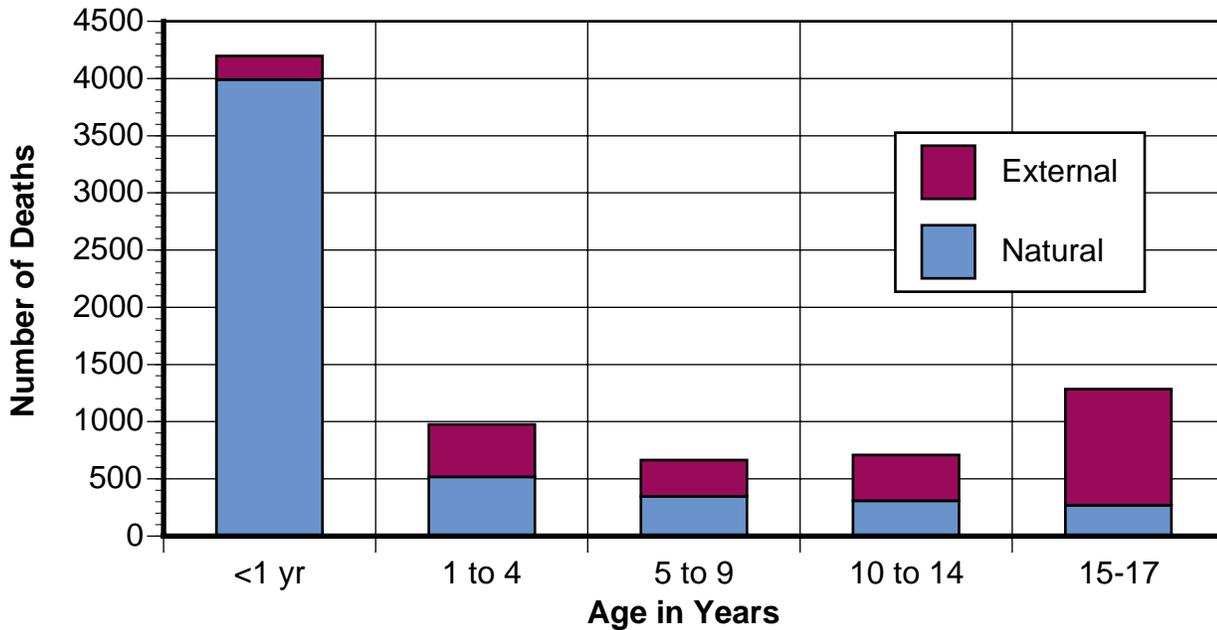
Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	633.9	2080	Males	83.0	2346	White	61.9	1664
1-4	38.8	511	Females	59.9	1620	Black	110.3	784
5-9	23.0	354				Hispanic	72.2	1438
10-14	24.8	363				Other	59.1	80
15-17	74.9	658						
Total	71.7	3966						

##### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	661.0	2148	Males	82.7	2316	White	63.3	1640
1-4	37.2	478	Females	60.4	1619	Black	98.9	708
5-9	21.0	315				Hispanic	79.1	1509
10-14	24.1	355				Other	44.2	60
15-17	71.0	639						
Total	71.8	3935						

Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

## Child Deaths by Age and Manner, 1996-1997



## Leading Causes of Death by Age, 1996-1997

### INFANT DEATHS

Congenital anomalies .....	1089	Gastritis .....	24
SIDS .....	499	Bronchitis .....	23
Disorders relating to short gestation .....	453	Malignant neoplasms .....	20
Respiratory distress syndrome .....	201	Newborn affected by other complications of labor and delivery .....	16
Accidents and adverse effects .....	155	Meningitis .....	15
Newborn affected by maternal complications of pregnancy .....	128	Disease of blood .....	13
Newborn affected by complications of placenta, cord, and membranes .....	122	Benign neoplasms .....	12
Infections specific to the perinatal period .....	99	Hernia .....	9
Neonatal hemorrhage .....	59	Meningococcal infection .....	7
Pneumonia and influenza .....	55	Hemolytic disease of newborn .....	5
Homicide .....	42	Slow fetal growth and malnutrition .....	4
Intrauterine hypoxia .....	41	Congenital syphilis .....	3
Birth trauma .....	39	Cystic fibrosis .....	3
Septicemia .....	38	Acute upper respiratory infections .....	1
Newborn affected by maternal conditions which may be unrelated to present pregnancy .....	28	Hemorrhagic disease of newborn .....	1
Viral diseases .....	25	Syndrome of infant of a diabetic mother .....	1
		Other .....	1021
		<b>Total .....</b>	<b>4251</b>

**AGES 1-4 YEARS**

Accidents and adverse effects .....	417
Certain conditions originating in the perinatal period .....	170
Congenital anomalies .....	108
Malignant Neoplasms .....	88
Homicide .....	63
Heart disease .....	30
Pneumonia and Influenza .....	24
Septicemia .....	18
Anemias .....	8
Meningococcal infection .....	6
COPD .....	6
Cerebrovascular disease .....	5
Benign Neoplasms .....	5
Chronic liver disease and cirrhosis .....	3
Meningitis .....	3
Hernia .....	2
Nephritis .....	2
Tuberculosis .....	2
Cholelithiasis .....	1
Viral hepatitis .....	1
Diabetes .....	1
Bronchitis .....	1
Appendicitis .....	1
Shigellosis .....	1
Other .....	49
<b>TOTAL .....</b>	<b>1015</b>

**AGES 5-9 YEARS**

Accidents and adverse effects .....	287
Certain conditions originating in the perinatal period .....	101
Malignant Neoplasms .....	99
Congenital anomalies .....	44
Homicide .....	31
Heart disease .....	28
Pneumonia and Influenza .....	11
COPD .....	10
Cerebrovascular disease .....	8
Benign Neoplasms .....	8
Anemias .....	4
Hernia .....	3
Nephritis .....	2
Chronic liver disease and cirrhosis .....	2
Septicemia .....	2
Meningitis .....	2
Meningococcal infection .....	2
Appendicitis .....	1
Suicide .....	1
Infections of kidney .....	1
Tuberculosis .....	0
Other .....	31
<b>TOTAL .....</b>	<b>678</b>

**AGES 10-14 YEARS**

Accidents and adverse effects .....	314
Certain conditions originating in the perinatal period .....	83
Malignant Neoplasms .....	78
Homicide .....	54
Congenital anomalies .....	51
Suicide .....	47
Heart disease .....	27
COPD .....	18
Pneumonia and Influenza .....	10
Meningococcal infection .....	7
Septicemia .....	6
Cerebrovascular disease .....	4
Anemias .....	4
Nephritis .....	4
Diabetes .....	2
Appendicitis .....	1
Ulcer .....	1
Tuberculosis .....	1
Benign Neoplasms .....	1
Nutritional Deficiencies .....	1
Hypertension .....	1
Bronchitis .....	1
Other .....	19
<b>TOTAL .....</b>	<b>735</b>

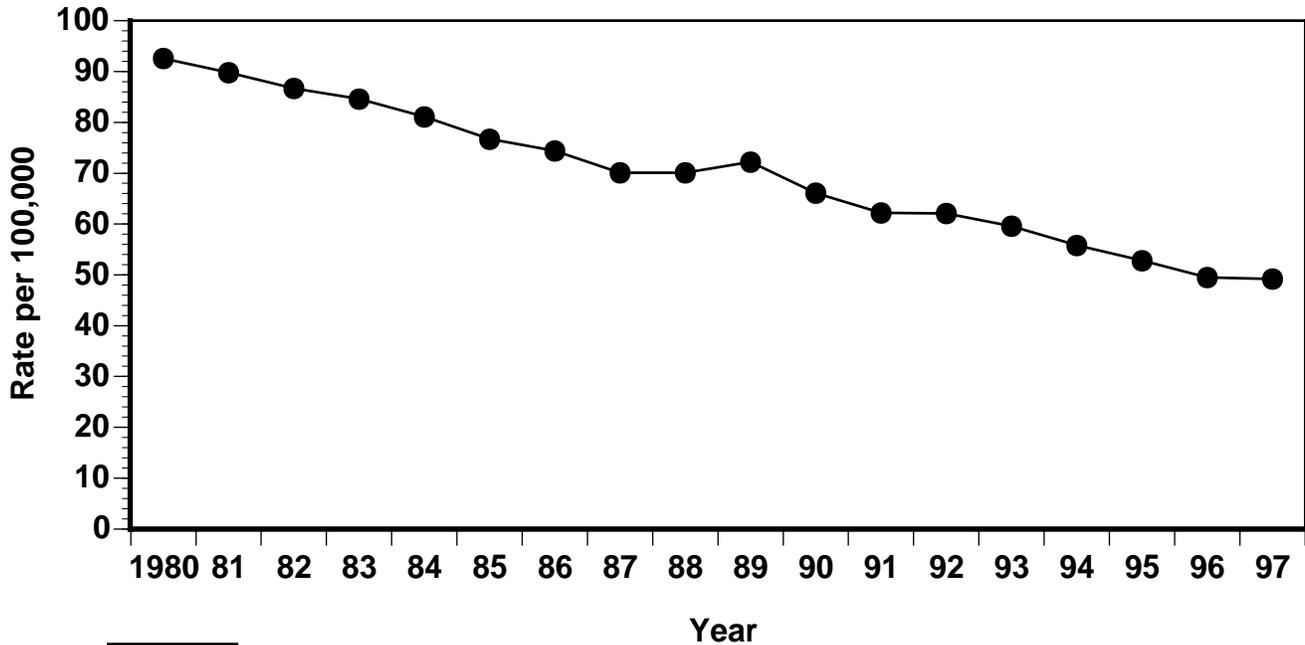
**AGES 15-17 YEARS**

Accidents and adverse effects .....	670
Homicide .....	187
Suicide .....	177
Malignant Neoplasms .....	83
Certain conditions originating in the perinatal period .....	79
Heart disease .....	37
Congenital anomalies .....	25
Pneumonia and Influenza .....	11
Cerebrovascular disease .....	9
COPD .....	7
Septicemia .....	4
Diabetes .....	3
Meningococcal infection .....	3
Nephritis .....	2
Ulcer .....	2
Viral hepatitis .....	2
Anemias .....	2
Complications of pregnancy .....	2
Cholelithiasis .....	1
Benign Neoplasms .....	1
Appendicitis .....	1
Other .....	20
<b>TOTAL .....</b>	<b>1328</b>

Source: Texas Department of Health, Bureau of Vital Statistics

# NATURAL CAUSES OF CHILD MORTALITY

## Natural Causes of Death, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

### Natural Causes of Death by Age, Sex, Race

#### 1996

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	605.0	1985	Males	54.7	1545	White	40.1	1078
1-4	20.1	265	Females	44.2	1194	Black	81.6	580
5-9	11.6	178				Hispanic	51.8	1032
10-14	11.2	164				Other	36.2	49
15-17	16.7	147	Total	49.5	2739			

Total 49.5, 2739

per 100,000 population

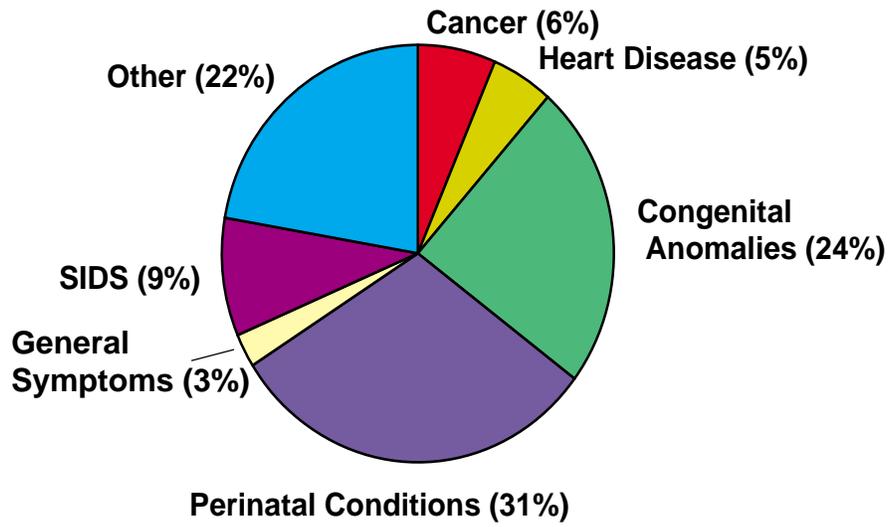
#### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	627.1	2038	Males	55.2	1545	White	40.6	1051
1-4	19.9	256	Females	44.4	1191	Black	72.6	522
5-9	11.4	171				Hispanic	4.1	1103
10-14	10.0	147				Other	36.1	49
15-17	13.8	124						

Total 49.9, 2736

Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

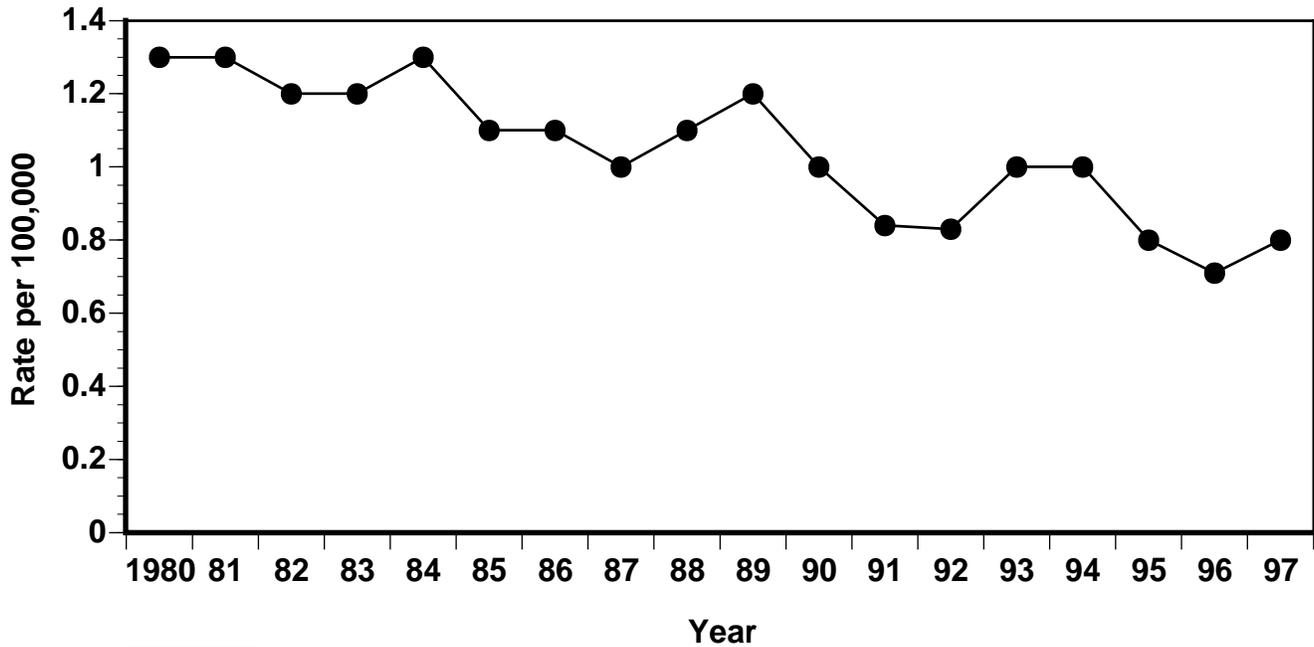
## Natural Causes of Death, 1996-1997



Source: Texas Department of Health, Bureau of Vital Statistics  
N=5475

# Sudden Infant Death Syndrome (SIDS)

## SIDS, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

### Child Death from SIDS by Age, Sex, Race

#### 1996

Sex	Rate	#	Race	Rate	#
Males	0.83	139	White	0.75	105
Females	0.58	94	Black	1.42	55
			Hispanic	0.51	72
			Other	0.1	1

Total 0.71 233  
per 1,000 live births

#### 1997

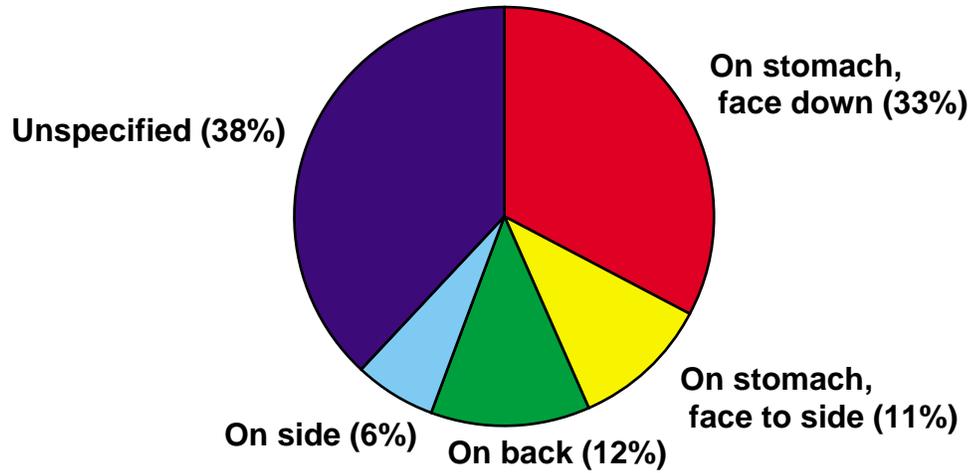
Sex	Rate	#	Race	Rate	#
Males	0.96	163	White	0.93	128
Females	0.62	101	Black	1.34	53
			Hispanic	0.53	77
			Other	0.29	3

Total 0.8 264

per 1,000 live births

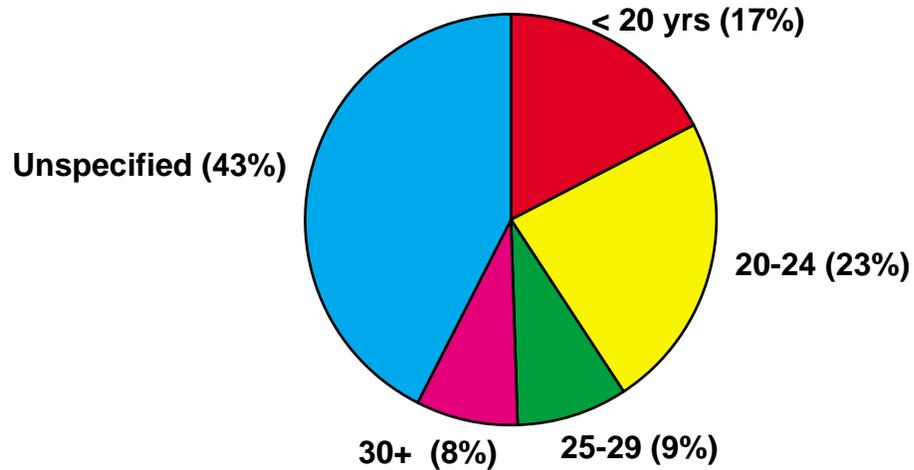
Source: Texas Department of Health, Bureau of Vital Statistics

## Position of Infant at Discovery



Source: Child Death Registry, 1996 - 1997  
n= 346

## Mother's Age



Source: Child Death Registry, 1996 - 1997  
n= 346



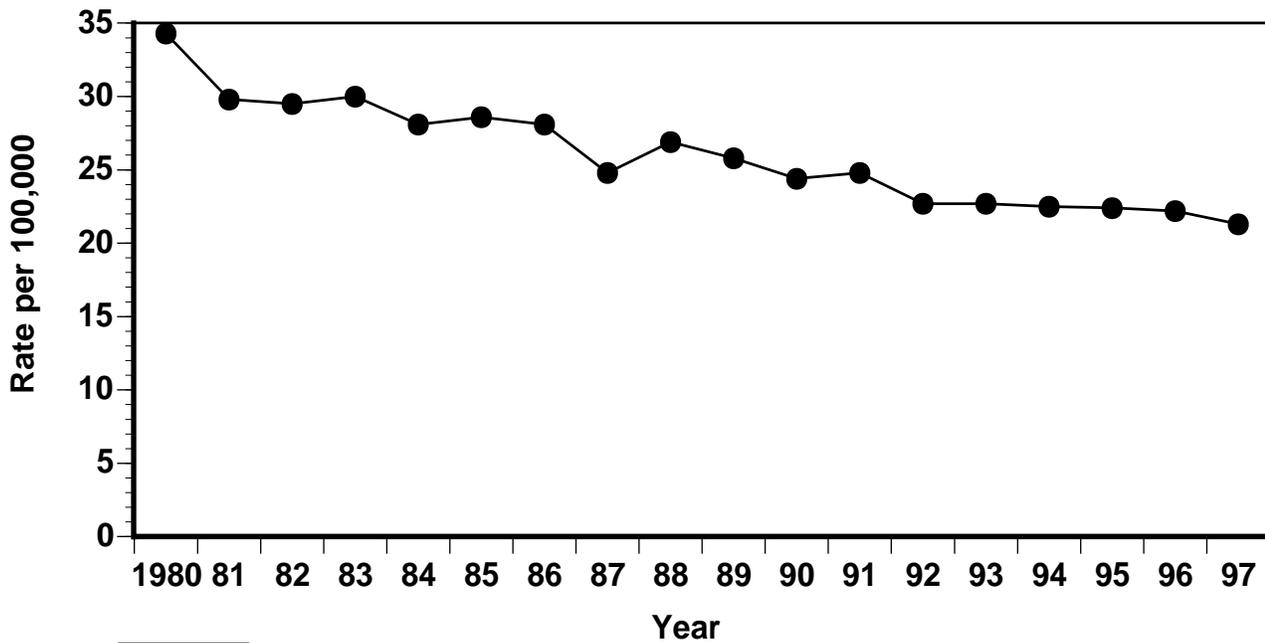
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## Injury Deaths

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# INJURY MORTALITY

## Child Injury Deaths, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

### Child Injury by Age, Sex, Race

#### 1996

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	29.0	95	Males	28.3	801	White	21.8	586
1-4	18.7	246	Females	15.8	426	Black	28.7	204
5-9	11.4	176				Hispanic	20.4	406
10-14	13.6	199				Other	22.9	31
15-17	58.2	511						
<b>Total</b>	<b>22.2</b>	<b>1227</b>						

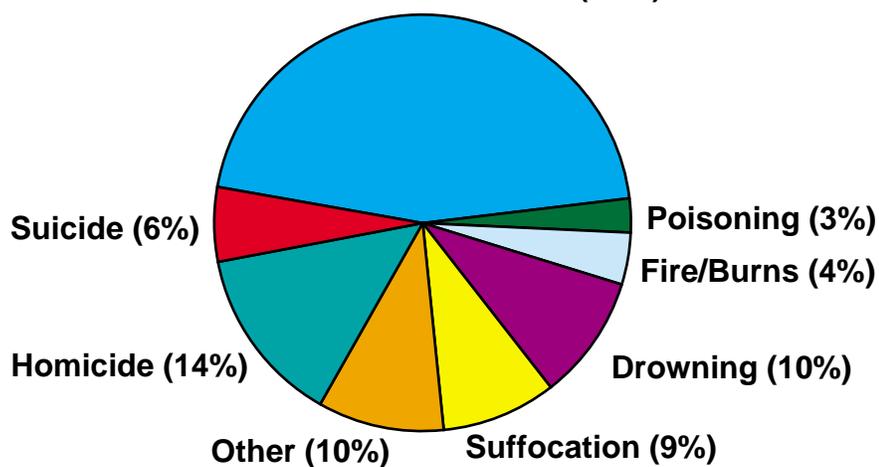
#### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	33.8	110	Males	27.5	771	White	22.7	589
1-4	17.3	222	Females	15.9	428	Black	26.1	188
5-9	9.6	144				Hispanic	19.9	406
10-14	14.1	208				Other	8.1	11
15-17	57.2	15						
<b>Total</b>	<b>21.9</b>	<b>1199</b>						

Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

## Child Injury Deaths, 1996-1997

Motor Vehicle (45%)



Source: Texas Department of Health, Bureau of Vital Statistics  
n= 2426

## Injury Deaths by Intent

### 1996

	Unintentional	Suicide	Homicide	Other/ Undetermined	Total
Cutting/Piercing	0	1	17	0	18
Drowning	125	0	2	1	128
Falls	5	2	-	-	7
Fire/Burn	50	0	3	0	53
Firearm	19	63	118	3	203
Motor Vehicle	575	0	-	0	575
Poisoning	19	9	1	2	31
Suffocation	48	34	10	4	96
All Injury	887	110	203	27	1227

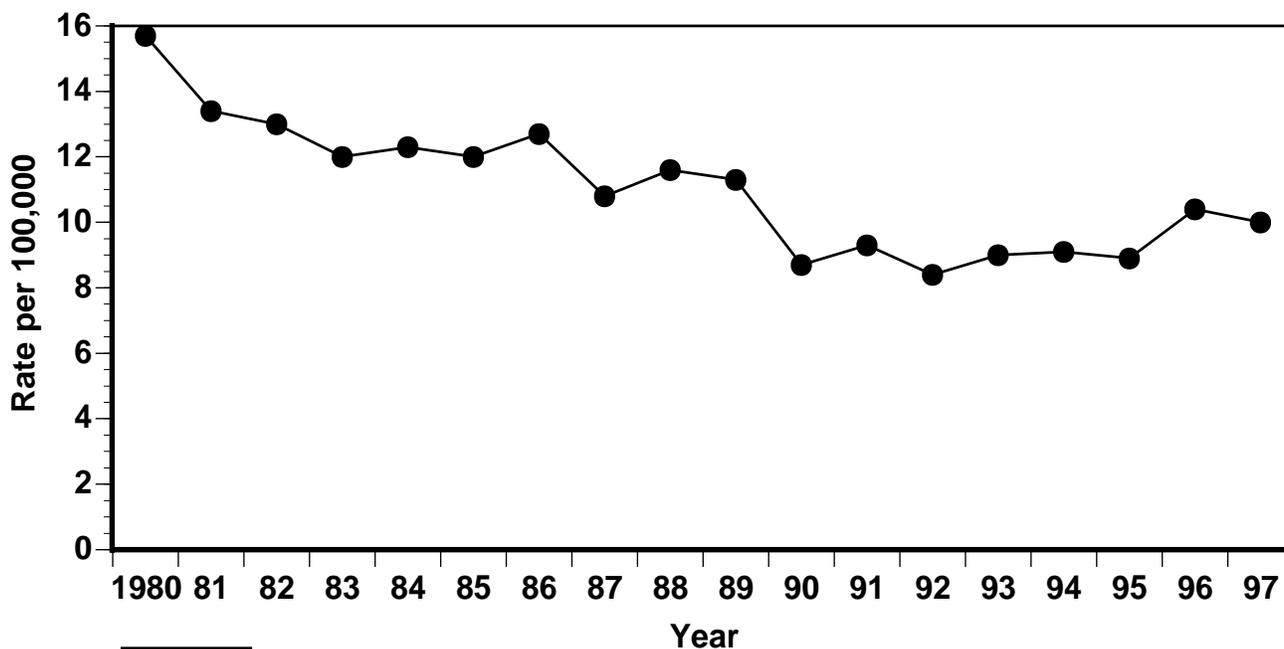
### 1997

	Unintentional	Suicide	Homicide	Other/ Undetermined	Total
Cutting/Piercing	0	0	5	0	5
Drowning	107	0	2	0	109
Falls	6	-	-	1	7
Fire/Burn	41	1	3	1	46
Firearm	32	73	97	2	209
Motor Vehicle	534	0	-	0	534
Poisoning	18	5	4	6	33
Suffocation	71	34	12	5	122
All Injury	878	114	175	32	1199

Source: Texas Department of Health, Bureau of Vital Statistics

# MOTOR VEHICLE CRASHES

## Motor Vehicle Fatalities, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

### Motor Vehicle by Age, Sex, Race

#### 1996

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	7.3	24	Males	12.0	338	White	11.5	308
1-4	6.8	89	Females	8.8	237	Black	8.9	63
5-9	6.2	96				Hispanic	9.7	193
10-14	6.5	95				Other	8.1	11
15-17	30.9	271						

Total      10.4      575

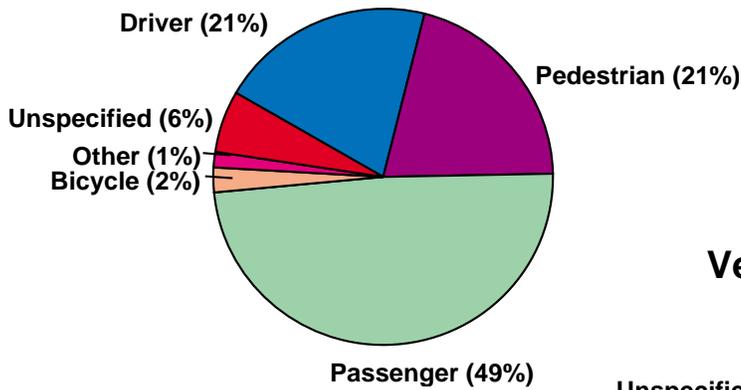
#### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	6.5	21	Males	11.7	328	White	11.1	288
1-4	6.9	89	Females	7.7	206	Black	8.6	62
5-9	5.1	76				Hispanic	8.6	176
10-14	6.2	91				Other	4.4	6
15-17	28.6	257						

Total      9.7      534

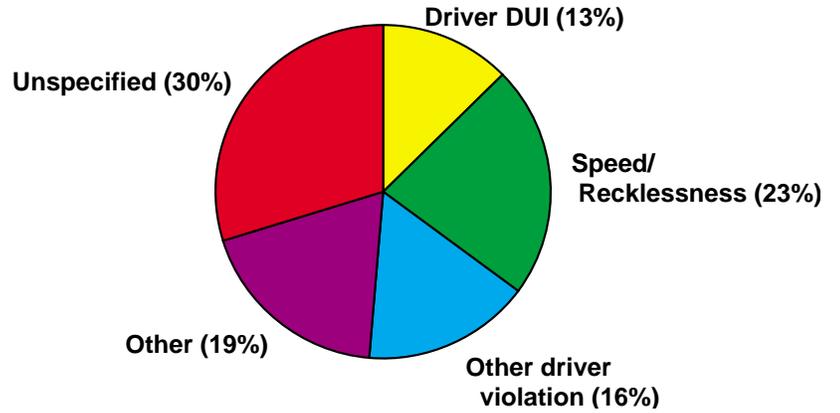
Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

### Position of Child



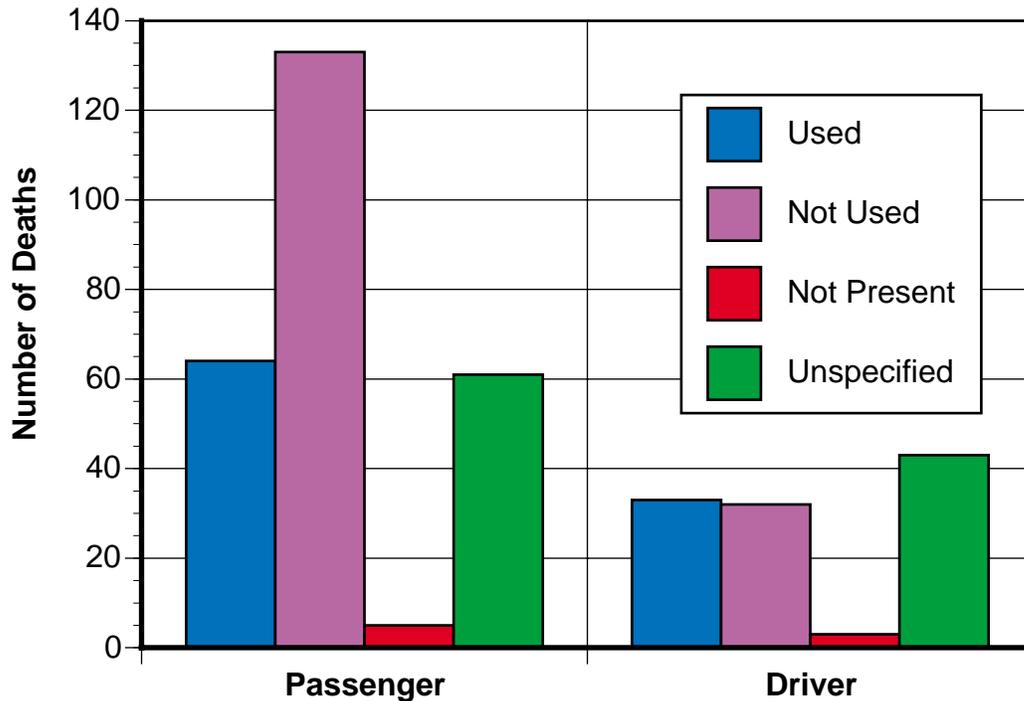
Source: Child Death Registry, 1996 - 1997  
n=539

### Vehicle in which Child was Driver



Source: Child Death Registry, 1996 - 1997  
n=111

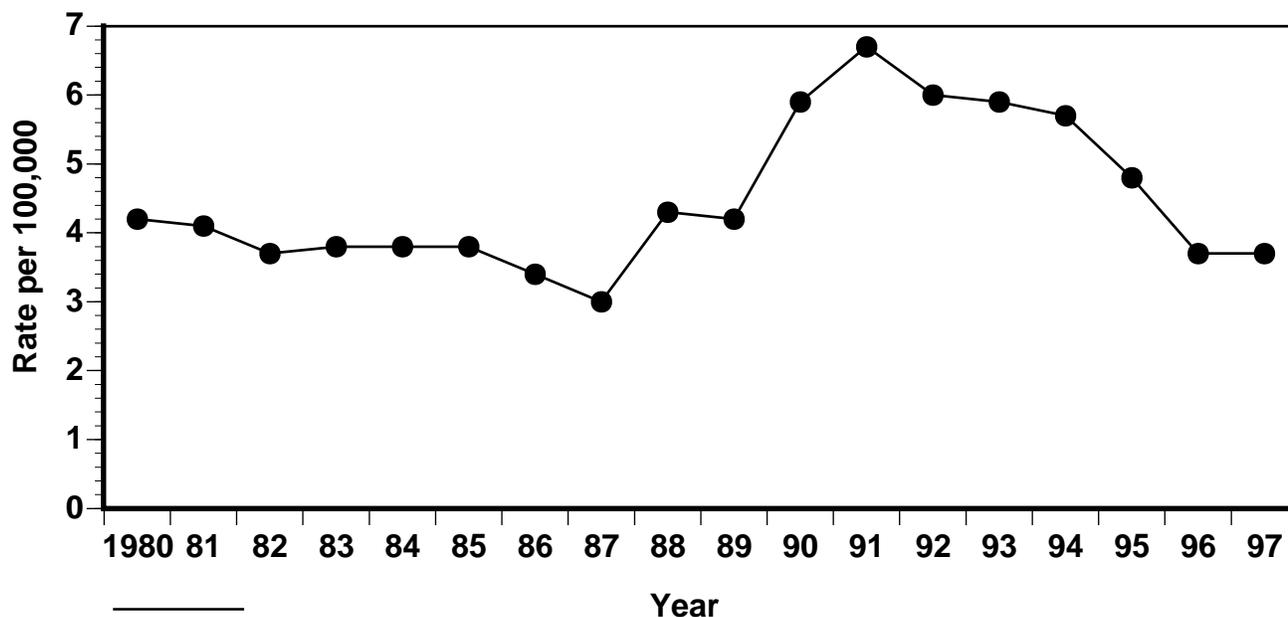
### Seat Belt Use by Position, 1996-1997



Source: Child Death Registry, 1996 - 1997  
n=374

# FIREARMS

## Child Firearm Mortality, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

### Firearm by Age, Sex, Race

#### 1996

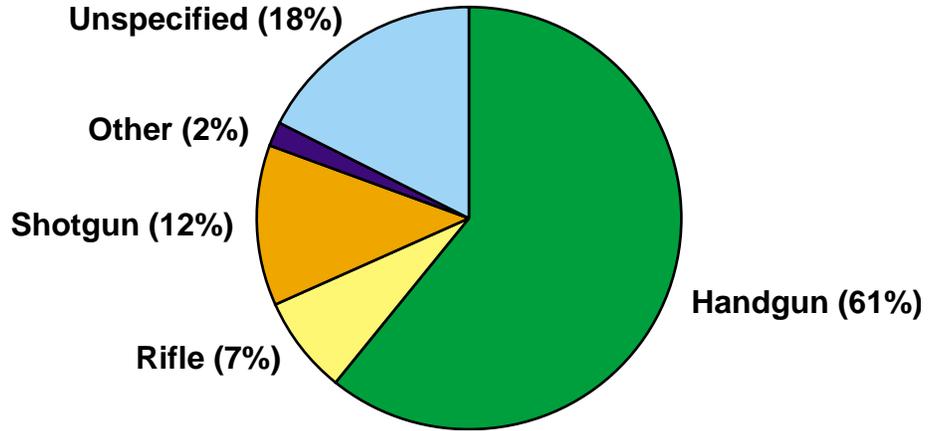
Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	0.3	1	Males	6.0	170	White	2.5	67
1-4	0.5	7	Females	1.2	33	Black	8.0	57
5-9	0.7	11				Hispanic	3.6	71
10-14	2.9	43				Other	5.9	8
15-17	16.1	141						
<b>Total</b>	<b>3.7</b>	<b>203</b>						

#### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr.	0.6	2	Males	6.1	170	White	3.1	81
1-4	0.3	4	Females	1.5	39	Black	6.4	46
5-9	0.9	3				Hispanic	3.9	80
10-14	2.9	42				Other	0.7	1
15-17	16.4	148						
<b>Total</b>	<b>3.8</b>	<b>209</b>						

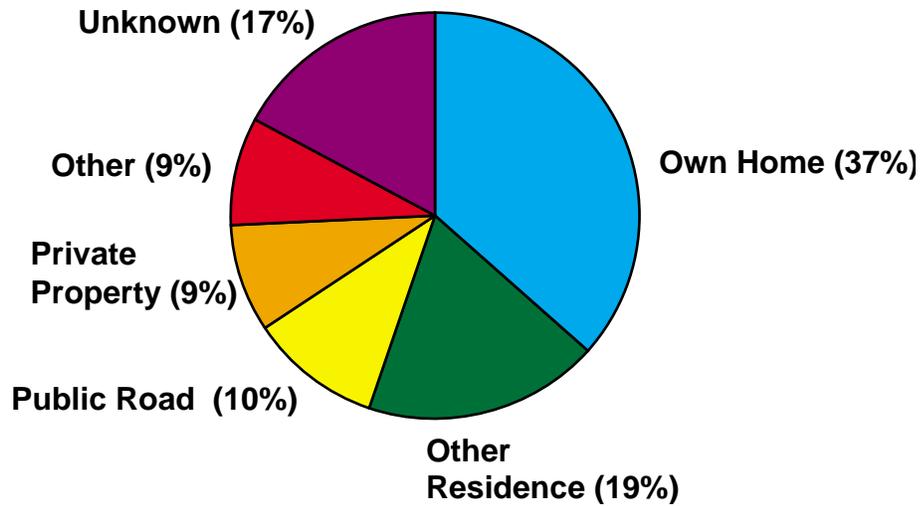
Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

## Type of Firearm



Source: Child Death Registry, 1996 - 1997  
n= 268

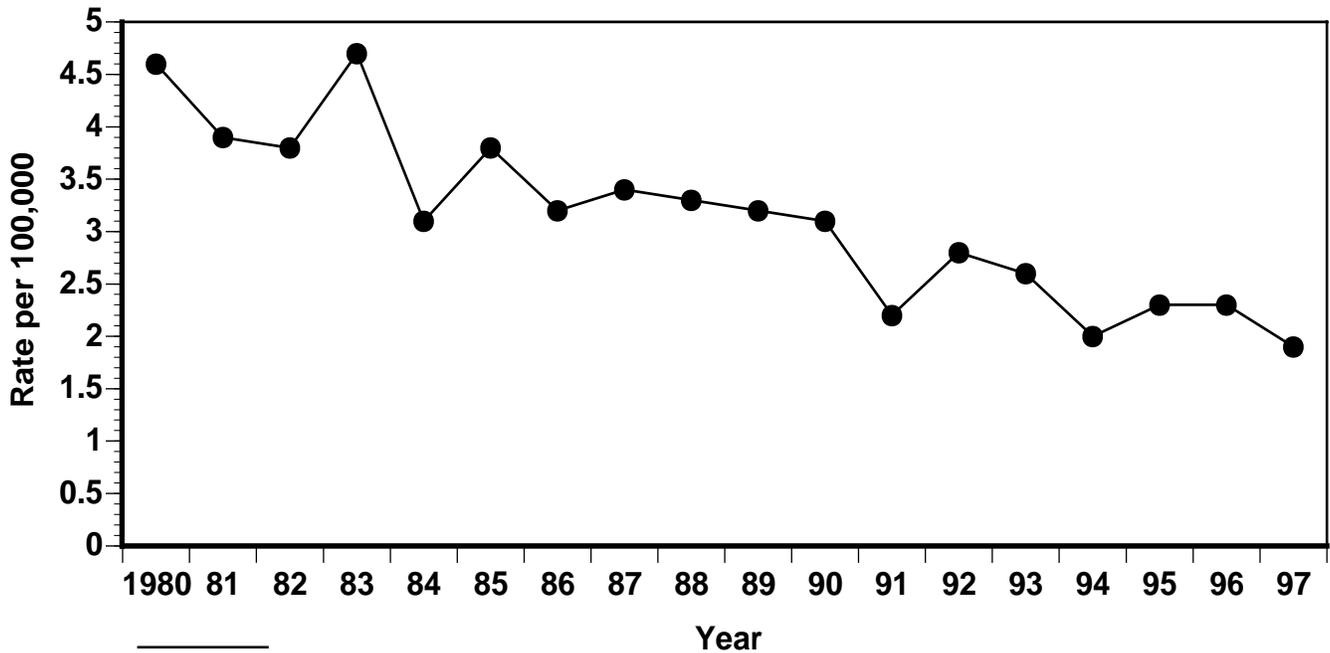
## Scene of Firearm Injury



Source: Child Death Registry, 1996 - 1997  
n= 268

# DROWNING

## Child Drowning Deaths, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

### Drowning by Age, Sex, Race

#### 1996

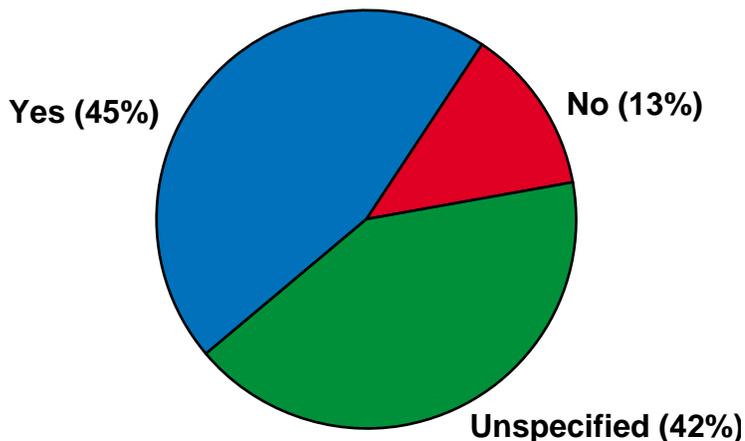
Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1yr.	2.4	8	Males	3.4	95	White	2.1	57
1-4	4.7	62	Females	1.2	33	Black	3.4	24
5-9	1.5	23				Hispanic	2.0	40
10-14	0.8	2				Other	5.2	7
15-17	0.3	3						
<b>Total</b>	<b>2.3</b>	<b>128</b>						

#### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1yr.	2.8	9	Males	2.6	73	White	1.9	49
1-4	3.3	42	Females	1.2	36	Black	1.9	14
5-9	1.3	20				Hispanic	2.0	41
10-14	1.1	16				Other	2.2	3
15-17	2.4	22						
<b>Total</b>	<b>1.9</b>	<b>106</b>						

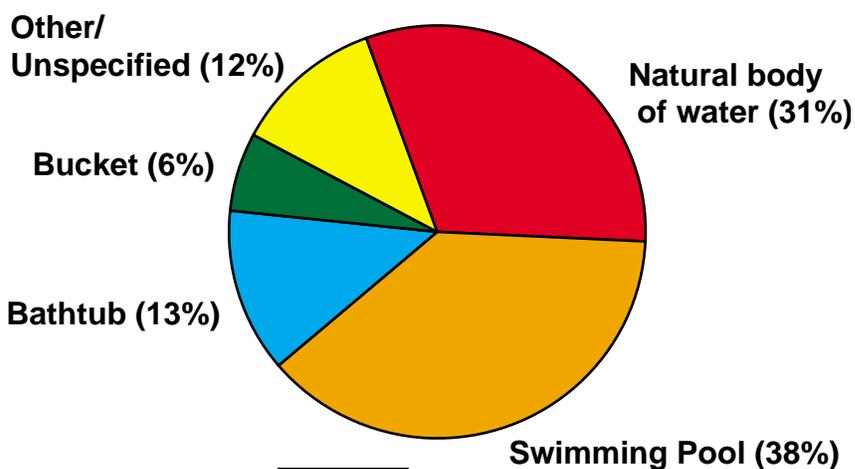
Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

## Was Child Supervised When Drowning Occurred?



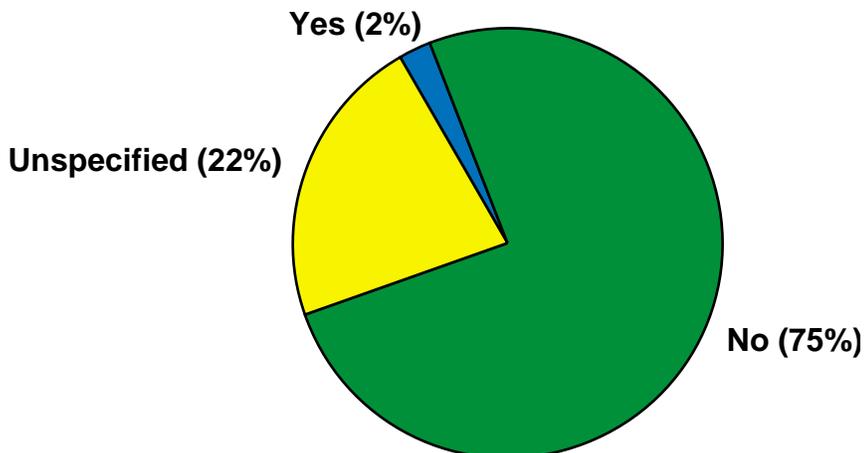
Source: Child Death Registry, 1996 - 1997  
n= 163

## Place of Drowning



Source: Child Death Registry, 1996 - 1997  
n= 163

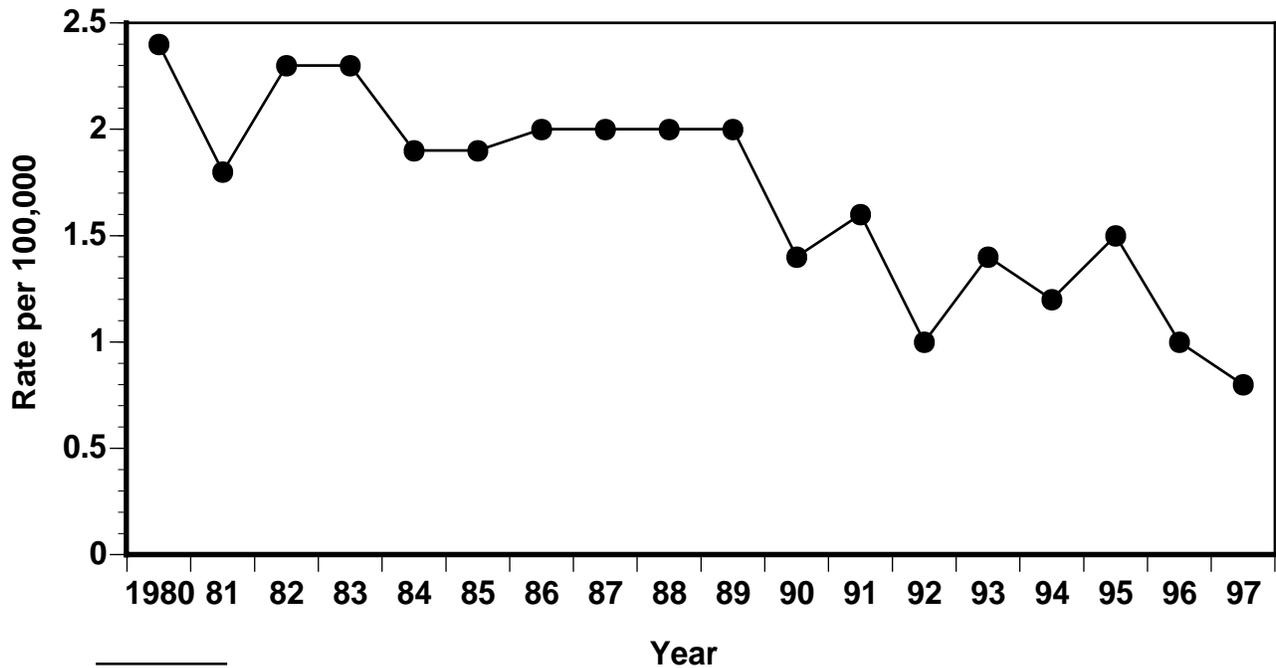
## Was Child Wearing Flotation Device?



Source: Child Death Registry, 1996 - 1997  
n= 163

## FIRE / BURNS

### Child Deaths from Fire or Burns, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

#### Fire or Burns by Age, Sex, Race

**1996**

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr	0.6	2	Males	1.1	32	White	0.7	18
1-4	2.0	26	Females	0.8	21	Black	2.7	19
5-9	1.2	18				Hispanic	0.8	16
10-14	0.3	4				Other	0.0	0
15-17	0.3	3						

Total      1.0      53

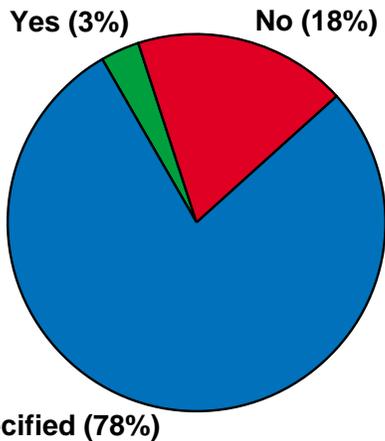
**1997**

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1 yr	1.2	4	Males	0.6	18	White	0.9	24
1-4	2.1	27	Females	1.0	28	Black	1.7	12
5-9	0.3	5				Hispanic	0.5	10
10-14	0.4	6				Other	0.0	0
15-17	0.4	4						

Total      0.8      46

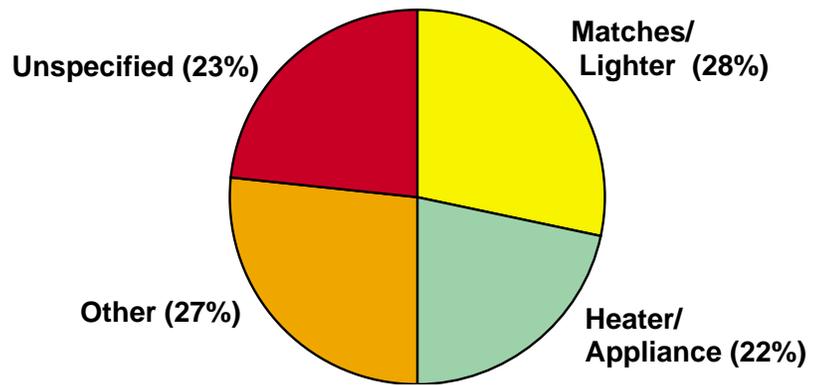
Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

## Was Child Supervised When Fire Occurred?



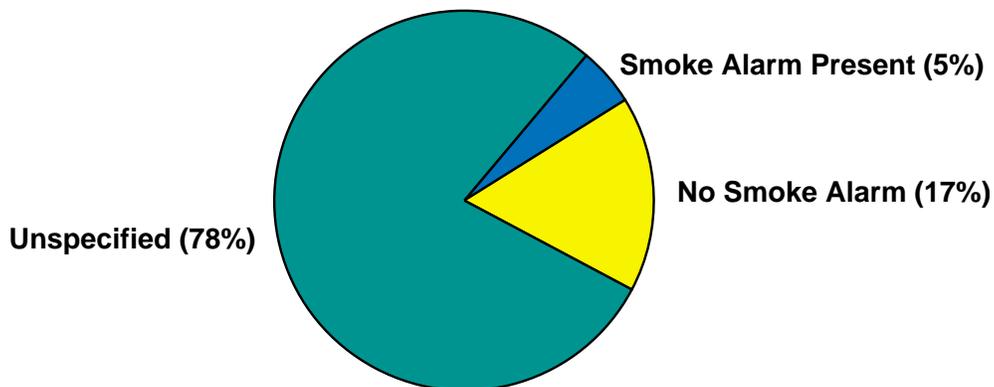
Source: Child Death Registry, 1996 - 1997  
n= 60

## Source of Fire



Source: Child Death Registry, 1996 - 1997  
n= 60

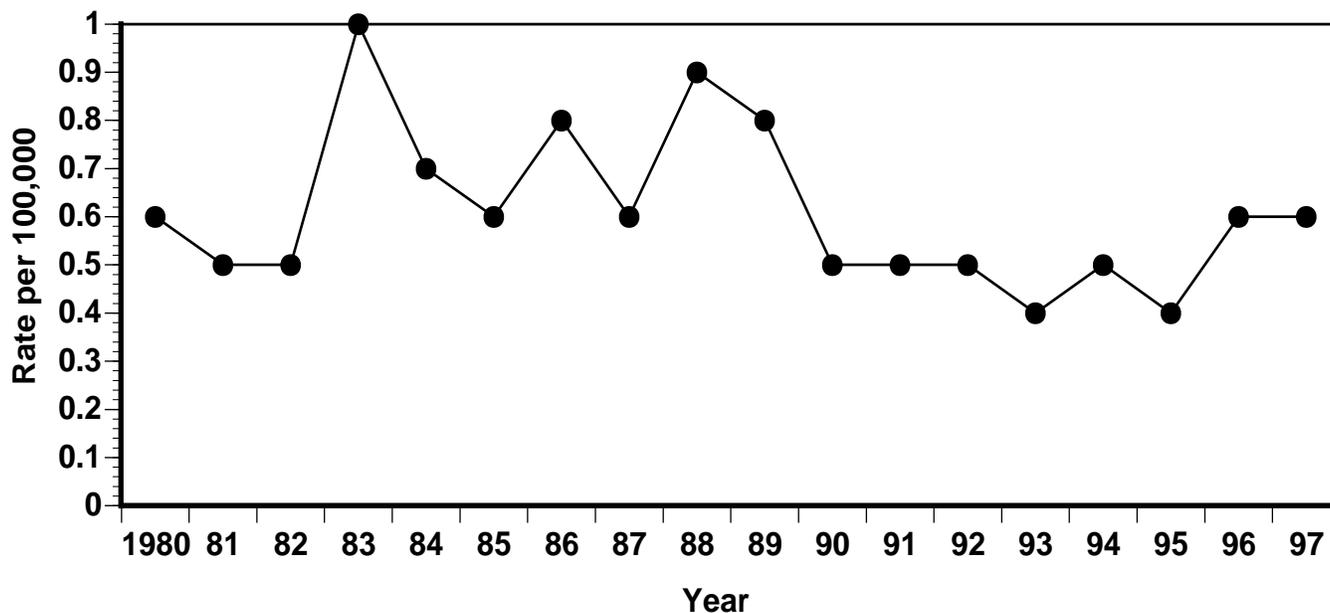
## Presence of Smoke Alarm



Source: Child Death Registry, 1996 - 1997  
n= 60

# POISONING

## Child Deaths from Poisoning, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

### Poisoning by Age, Sex, Race

#### 1996

Age	Rate	#	Sex	Rate	#	Race	Rate	#
<1 yr	0.9	3	Males	0.5	15	White	0.6	15
1-4	0.4	5	Females	0.6	16	Black	0.3	2
5-9	0.2	3				Hispanic	0.7	13
10-14	0.3	5				Other	0.0	0
15-17	1.7	15						
<b>Total</b>	<b>0.6</b>	<b>31</b>						

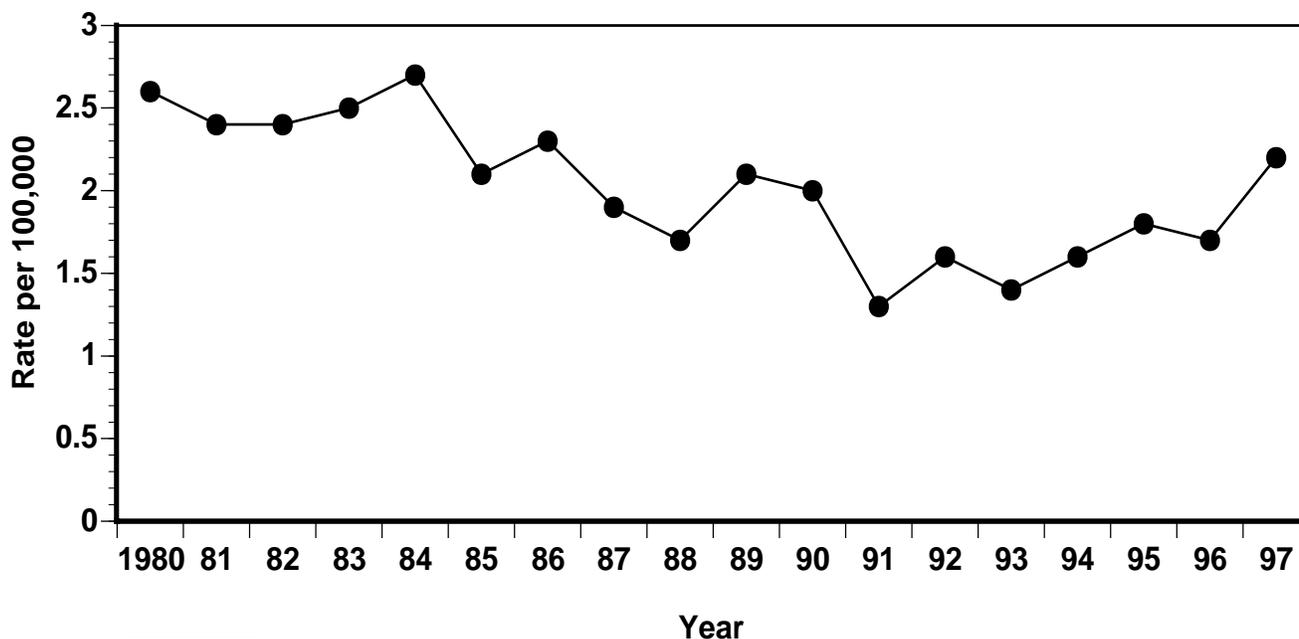
#### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
<1 yr	0.9	3	Males	0.7	20	White	0.7	19
1-4	0.3	4	Females	0.5	13	Black	0.7	5
5-9	0.2	3				Hispanic	0.4	9
10-14	0.5	8				Other	0.0	0
15-17	1.7	15						
<b>Total</b>	<b>0.6</b>	<b>33</b>						

Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

## SUFFOCATION / STRANGULATION

### Child Deaths from Suffocation/Strangulation, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

#### Suffocation/Strangulation by Age, Sex, Race

##### 1996

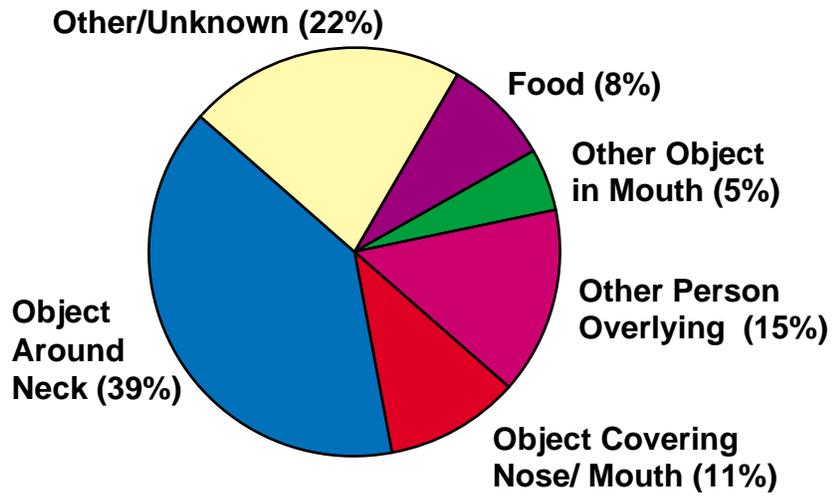
Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1yr.	7.6	30	Males	2.4	67	White	2.0	54
1-4	0.9	17	Females	1.1	29	Black	1.3	9
5-9	0.3	6				Hispanic	1.6	31
10-14	0.3	17				Other	0.7	1
15-17	0.1	26						
<b>Total</b>	<b>1.7</b>	<b>96</b>						

##### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1yr.	15.7	51	Males	2.8	78	White	1.8	47
1-4	1.2	16	Females	1.6	44	Black	3.2	23
5-9	0.5	7				Hispanic	2.5	51
10-14	1.3	19				Other	0.7	1
15-17	3.2	29						
<b>Total</b>	<b>2.2</b>	<b>122</b>						

Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

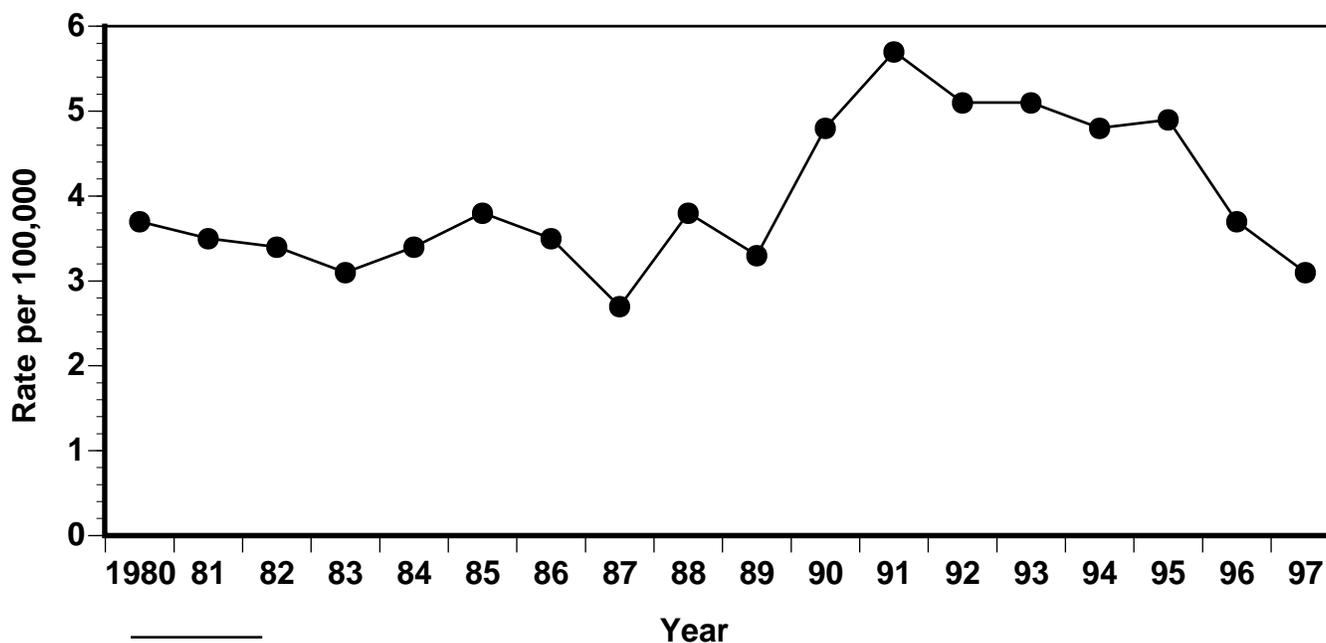
## Object Impeding Breath



Source: Child Death Registry, 1996 - 1997  
n=142

# HOMICIDES

## Child Homicide, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics

### Child Homicide by Age, Sex, & Race

#### 1996

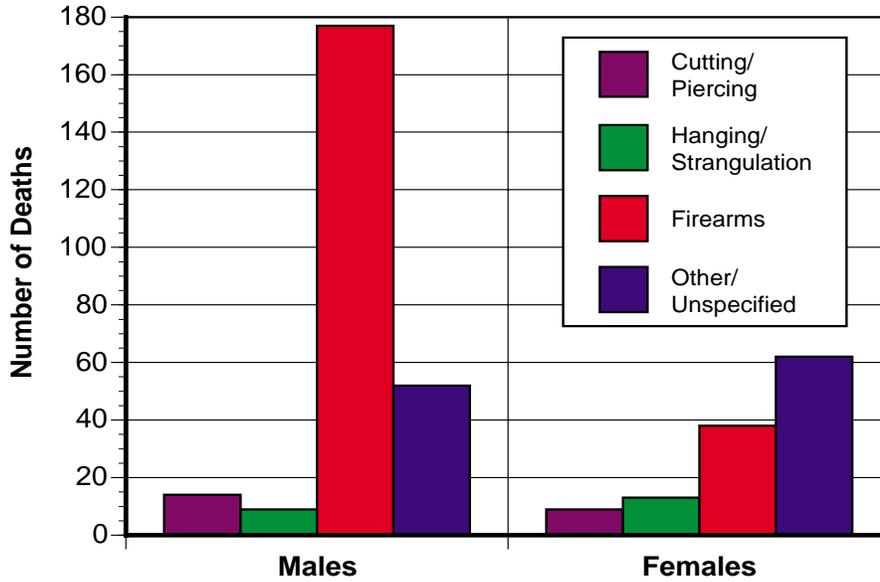
Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1yr.	6.1	20	Males	5.0	142	White	1.9	50
1-4	2.6	34	Females	2.3	61	Black	8.7	62
5-9	1.2	18				Hispanic	4.0	80
10-14	1.9	28				Other	8.1	11
15-17	11.7	103						
Total	3.7	203						

#### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1yr.	6.8	22	Males	3.9	109	White	1.7	43
1-4	2.3	30	Females	2.3	61	Black	7.2	52
5-9	1.0	15				Hispanic	3.9	79
10-14	1.7	25				Other	0.7	1
15-17	8.7	78						
Total	3.2	175						

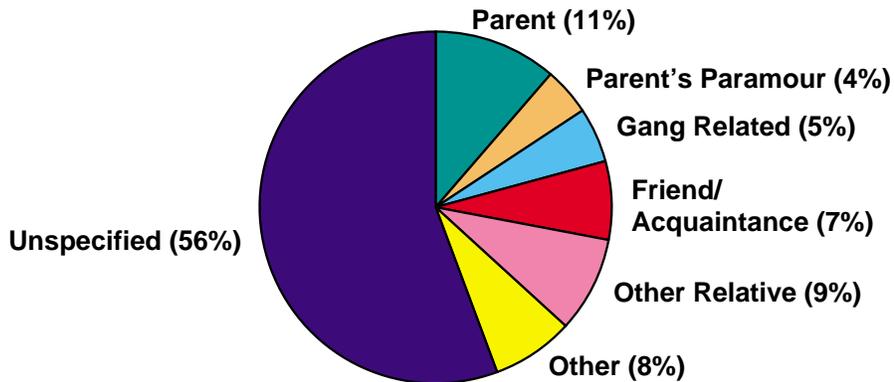
Source: Texas Department of Health, Bureau of Vital Statistics  
Rates per 100,000 population

## Homicide Method by Sex, 1996 - 1997



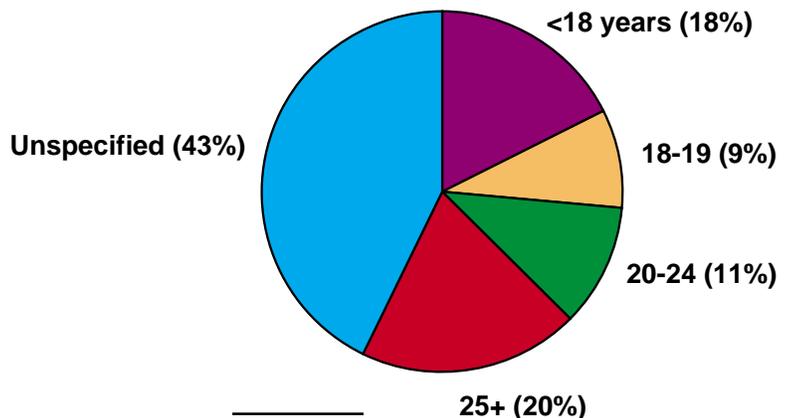
Source: Texas Department of Health, Bureau of Vital Statistics

## Victim-Perpetrator Relationship



Source: Child Death Registry, 1996 - 1997  
n= 318

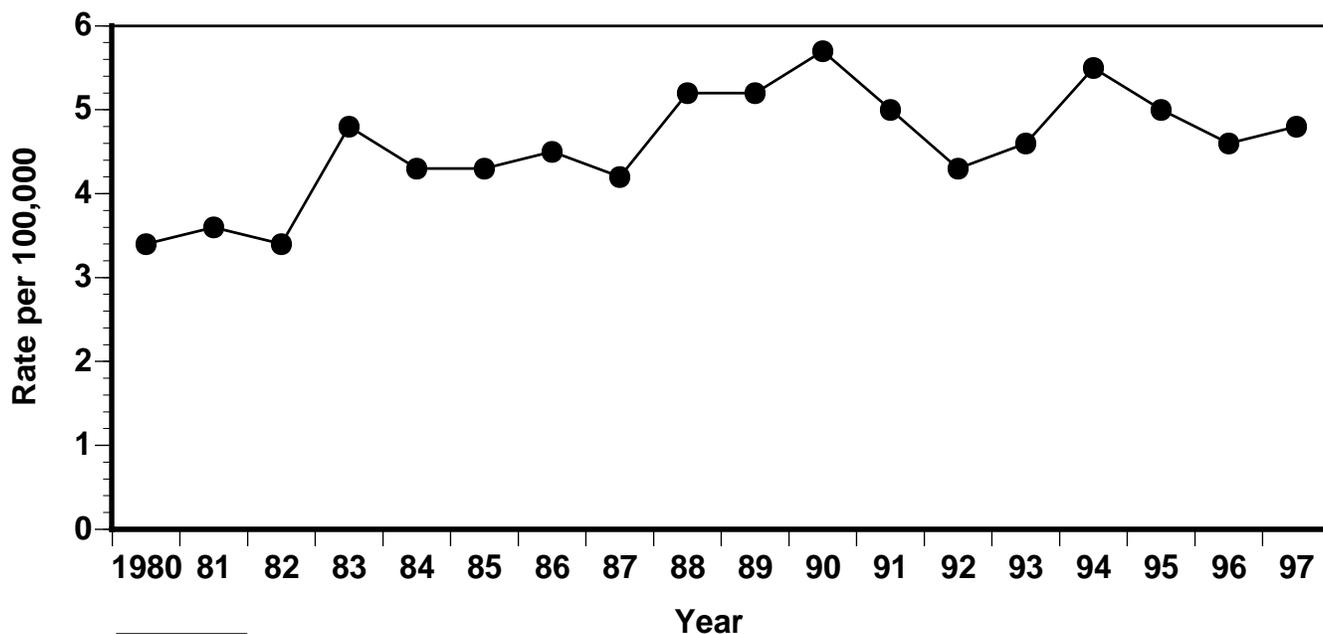
## Age of Perpetrator



Source: Child Death Registry, 1996 - 1997  
n= 318

# SUICIDES

## Child Suicide, 1980 - 1997



Source: Texas Department of Health, Bureau of Vital Statistics  
 Rates calculated for population 10 - 17 years of age

### Child Suicide by Age, Sex, & Race

#### 1996

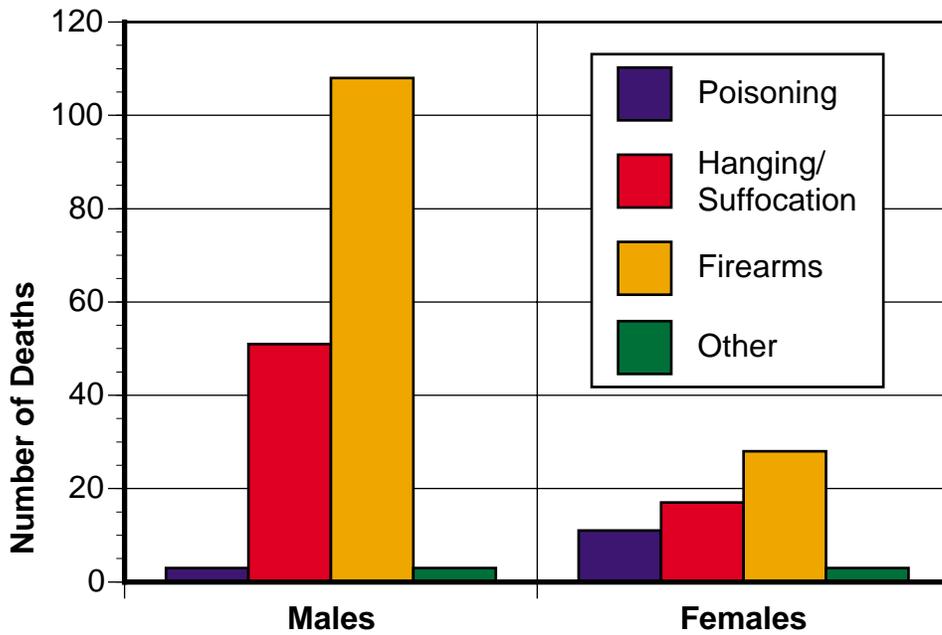
Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1yr.	-	-	Males	6.8	81	White	5.8	70
1-4	-	-	Females	2.5	29	Black	3.0	9
5-9	0.1	1				Hispanic	3.8	30
10-14	1.9	28				Other	1.8	1
15-17	9.2	81						
Total	4.7	10						

#### 1997

Age	Rate	#	Sex	Rate	#	Race	Rate	#
< 1yr.	-	-	Males	6.9	84	White	5.5	64
1-4	-	-	Females	2.6	30	Black	3.6	11
5-9	-	-				Hispanic	4.5	38
10-14	1.2	18				Other	-	-
15-17	10.7	96						
Total	4.8	114						

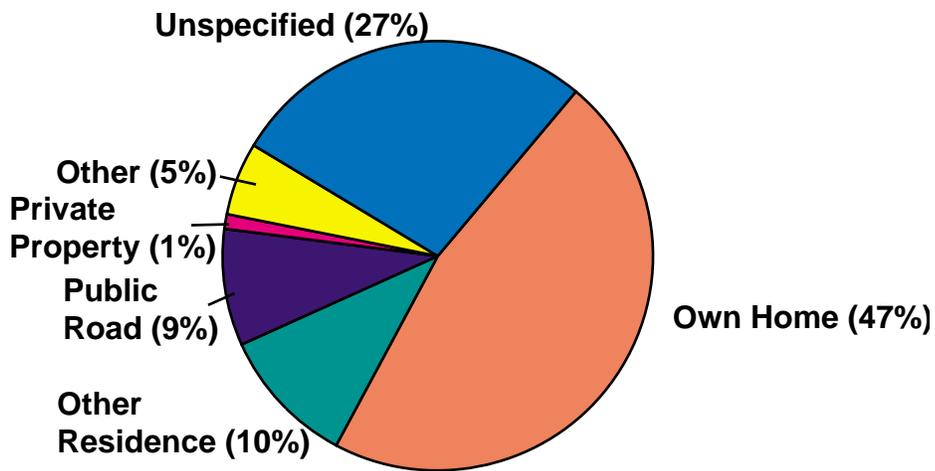
Source: Texas Department of Health, Bureau of Vital Statistics  
 Rates are calculated for population 10-17 years of age

### Suicide Method by Sex, 1996-1997



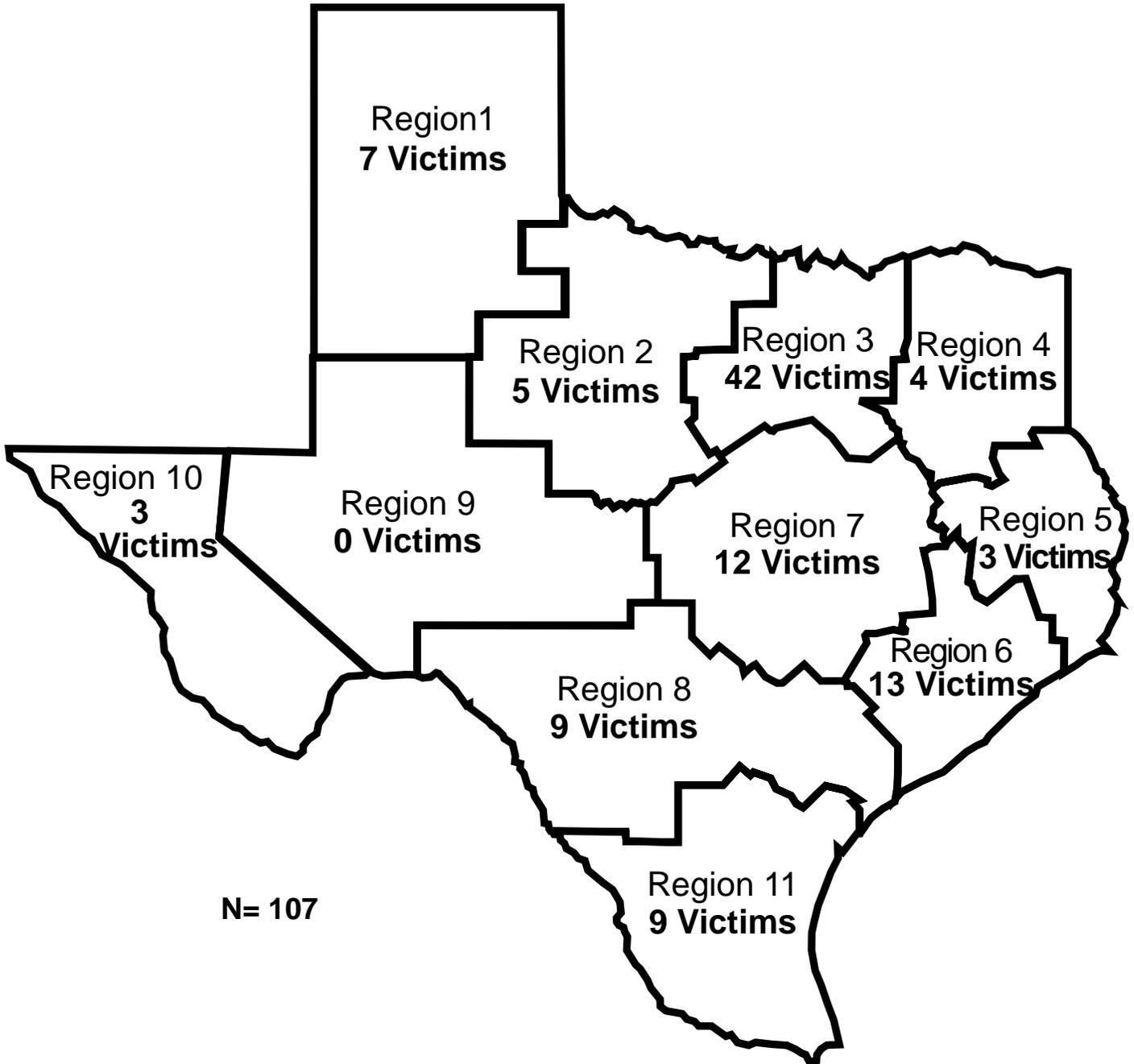
Source: Texas Department of Health, Bureau of Vital Statistics

### Scene of Suicide

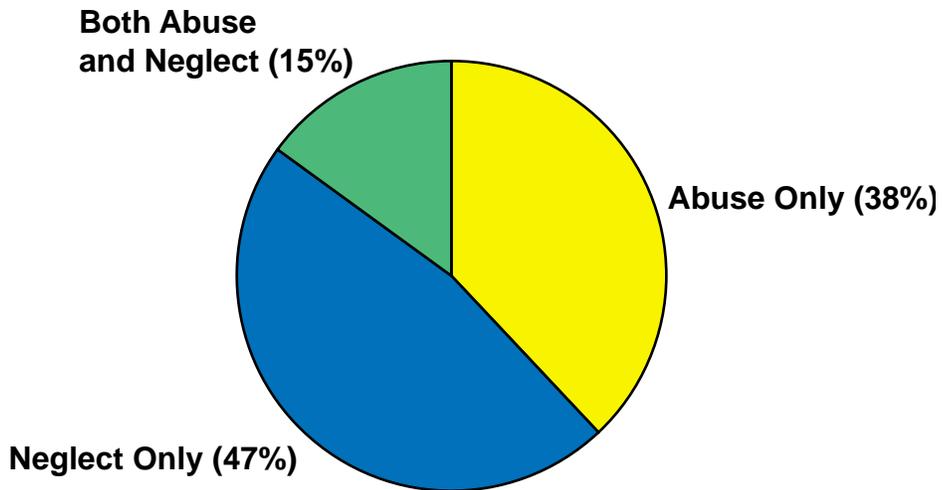


Source: Child Death Registry, 1996 - 1997  
n= 150

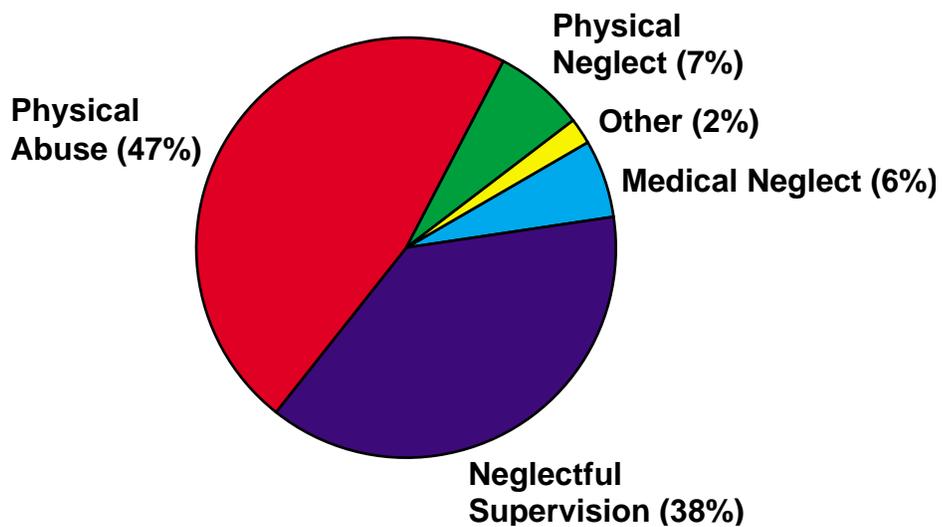
# Child Abuse and Neglect Fiscal Year 1996



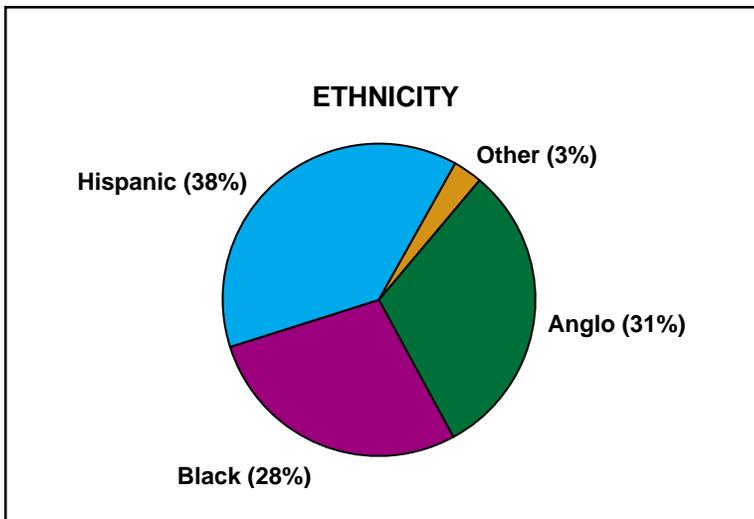
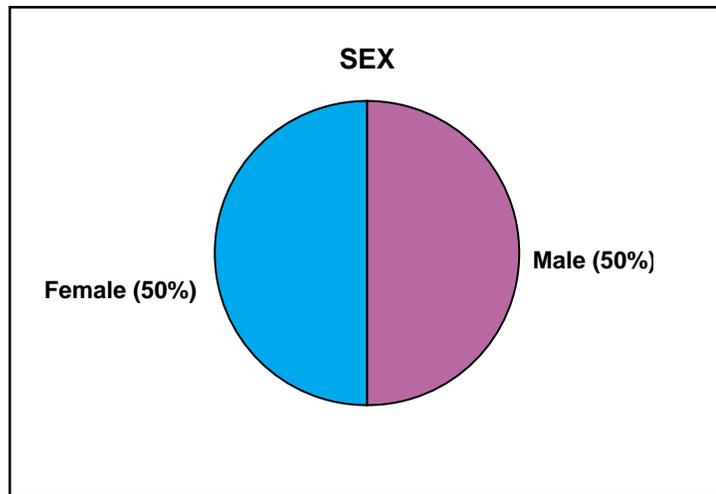
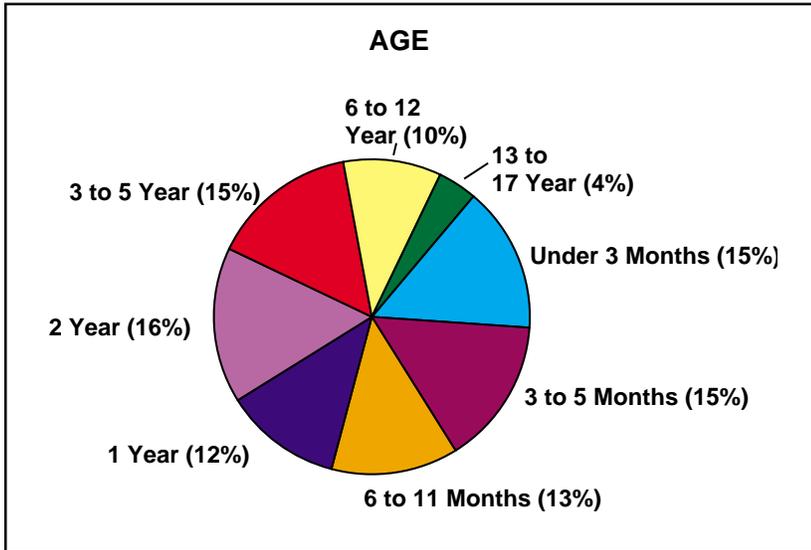
**Findings of  
Reason to Believe Investigations  
Fiscal Year 1996**



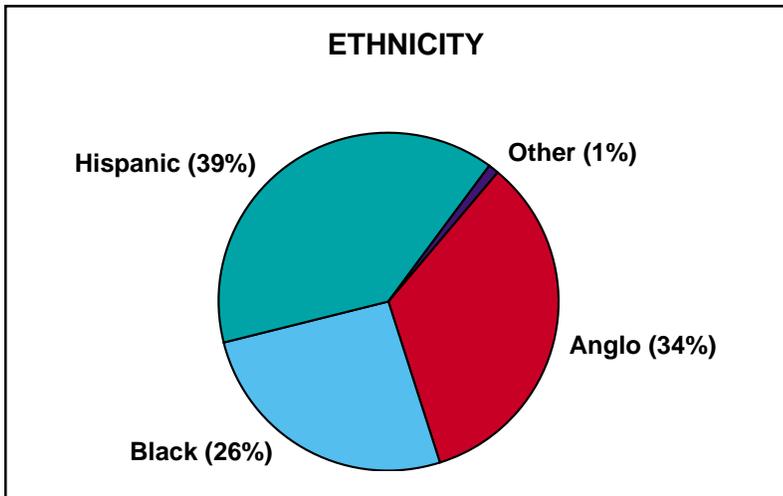
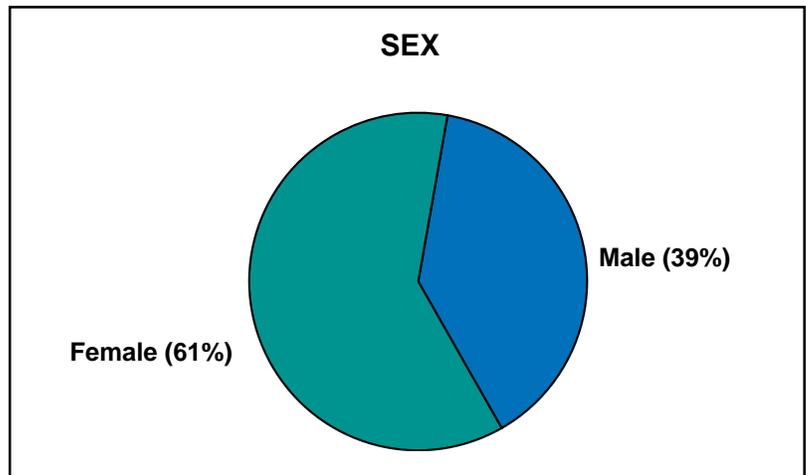
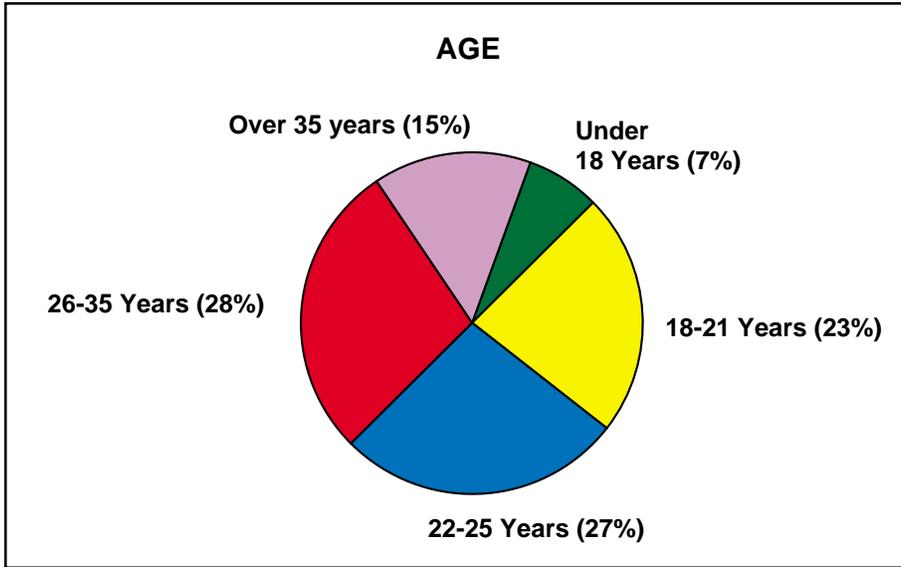
**Type of Abuse/ Neglect  
of Fatality Victim  
Fiscal Year 1996**



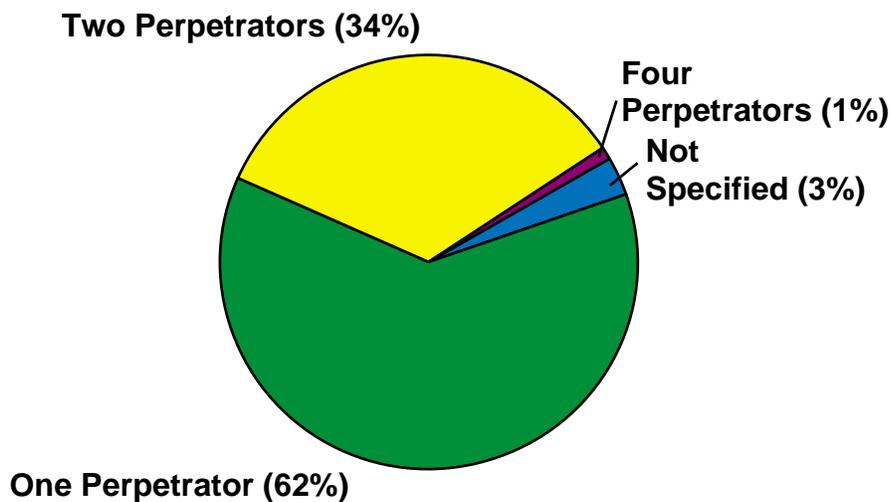
# Characteristics of Fatality Victim Fiscal Year 1996



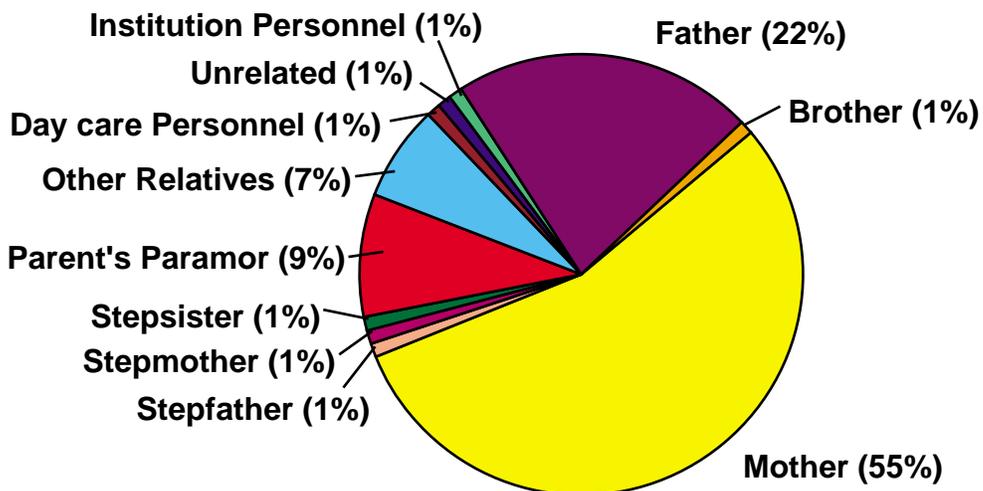
# Characteristics of Alleged Perpetrators Fiscal Year 1996



### Number of Perpetrators



### Relationship of Alleged Perpetrator to Oldest Victim Fiscal Year 1996



**APPENDIX A  
COUNTY TABLES, 1996**

TEXAS OCCURRENCE/RESIDENCE DEATHS - 1996													
BIRTH - 17 YEARS*													
	NATURAL		ACCIDENT		SUICIDE		HOMICIDE		OTHER		TOTAL		RATE PER 100,000**
	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	
ANDERSON	5	6	4	4	1	1	0	0	1	1	11	12	105.5
ANDREWS	1	3	1	1	0	0	0	0	0	0	2	4	89.1
ANGELINA	4	8	5	7	1	1	1	1	0	0	11	17	80.9
ARANSAS	0	4	0	1	0	0	0	1	2	2	2	8	157.6
ARCHER	0	0	1	1	0	0	0	0	0	0	1	1	46.0
ARMSTRONG	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ATASCOSA	2	5	1	0	0	0	1	1	0	0	4	6	57.1
AUSTIN	0	1	0	0	0	0	0	0	0	0	0	1	16.3
BAILEY	0	1	1	0	0	0	0	0	0	0	1	1	50.2
BANDERA	1	1	1	1	0	0	0	0	0	1	2	3	86.9
BASTROP	2	4	2	3	4	4	2	1	0	0	10	12	91.0
BAYLOR	0	0	0	0	0	0	0	0	0	0	0	0	0.0
BEE	0	3	2	0	0	0	0	0	0	0	2	3	40.0
BELL	34	30	19	13	2	1	2	2	7	7	64	53	73.5
BEXAR	277	184	45	39	4	3	22	18	43	39	391	283	73.3
BLANCO	0	2	1	0	0	0	0	0	0	0	1	2	107.2
BORDEN	0	0	0	0	0	0	0	0	0	0	0	0	0.0
BOSQUE	1	3	0	1	0	0	0	0	0	0	1	4	98.5
BOWIE	17	13	17	11	0	0	2	1	2	2	38	27	120.3
BRAZORIA	8	23	7	9	1	1	2	3	0	0	18	36	57.2
BRAZOS	9	11	7	6	0	0	0	0	0	0	16	17	52.3
BREWSTER	0	0	1	1	0	0	0	0	1	1	2	2	92.1
BRISCOE	1	1	0	0	0	0	0	0	0	0	1	1	186.9
BROOKS	0	0	0	0	0	0	0	0	0	0	0	0	0.0
BROWN	4	2	2	2	0	0	0	0	0	0	6	4	42.1
BURLESON	0	0	0	0	0	0	0	0	0	0	0	0	0.0
BURNET	0	6	0	2	0	0	0	0	0	0	0	8	109.8
CALDWELL	1	3	3	3	0	1	0	0	0	0	4	7	85.9
CALHOUN	0	4	1	4	0	0	0	0	0	0	1	8	134.7
CALLAHAN	0	0	2	0	0	0	0	0	0	0	2	0	0.0
CAMERON	28	36	7	7	0	0	2	3	0	0	37	46	42.0
CAMP	2	2	1	1	0	0	1	0	1	1	5	4	133.4
CARSON	0	0	0	0	0	0	0	0	1	0	0	0	0.0
CASS	2	2	0	0	0	0	0	0	0	0	2	2	25.6
CASTRO	1	1	1	3	0	0	0	0	0	0	2	4	147.2
CHAMBERS	2	4	2	0	0	0	1	0	0	0	5	4	61.0
CHEROKEE	2	3	2	3	1	2	1	2	0	0	6	10	89.9



	NATURAL		ACCIDENT		SUICIDE		HOMICIDE		OTHER		TOTAL		RATE PER 100,000**
	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	
FORT BEND	14	34	7	15	2	2	3	3	1	1	27	55	59.0
FRANKLIN	0	1	0	0	0	0	0	0	0	0	0	1	48.2
FREESTONE	0	3	1	2	0	0	0	0	0	0	1	5	122.2
FRIO	0	1	1	0	0	0	0	0	0	1	1	2	42.6
GAINES	1	3	0	1	0	1	0	0	0	0	1	5	100.2
GALVESTON	103	45	27	14	1	0	2	3	4	2	137	64	95.4
GARZA	1	1	0	0	0	0	0	0	0	0	1	1	72.3
GILLESPIE	2	1	0	0	0	0	0	0	0	0	2	1	22.3
GLASSCOCK	0	0	0	1	0	0	0	0	0	0	0	1	210.5
GOLIAD	0	0	0	0	0	0	0	0	0	0	0	0	0.0
GONZALES	1	5	0	0	0	0	0	0	0	0	1	5	98.9
GRAY	2	3	0	1	0	0	0	0	0	0	2	4	66.1
GRAYSON	6	10	7	9	1	1	1	1	4	4	19	25	97.8
GREGG	20	26	7	9	2	1	1	1	0	0	30	37	119.7
GRIMES	0	1	0	1	0	0	0	0	0	0	0	2	35.4
GUADALUPE	7	16	0	1	0	0	0	1	0	0	7	18	88.7
HALE	3	5	0	2	0	0	0	0	0	0	3	7	61.9
HALL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
HAMILTON	0	1	0	0	0	0	0	0	1	1	1	2	100.8
HANSFORD	0	2	1	1	0	0	0	0	0	0	1	3	194.2
HARDEMAN	0	0	1	1	0	0	0	0	0	0	1	1	79.1
HARDIN	0	5	1	4	0	0	0	0	0	0	1	9	70.5
HARRIS	564	466	119	120	22	20	37	36	9	9	751	651	70.3
HARRISON	4	14	4	5	0	0	0	2	0	0	8	21	132.1
HARTLEY	1	3	0	0	0	0	0	0	0	0	1	3	339.8
HASKELL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
HAYS	4	7	6	7	1	0	0	0	0	0	11	14	67.9
HEMPHILL	0	1	0	0	0	0	0	0	0	0	0	1	98.6
HENDERSON	4	8	2	4	0	0	0	0	1	1	7	13	83.4
HIDALGO	57	75	31	30	3	3	4	4	2	2	97	114	61.3
HILL	3	3	4	3	1	1	0	0	0	0	8	7	93.3
HOCKLEY	3	4	1	1	0	1	0	0	0	0	4	6	83.5
HOOD	1	3	0	0	0	0	0	0	0	0	1	3	35.6
HOPKINS	0	0	3	1	0	0	0	0	0	1	3	2	24.9
HOUSTON	0	3	2	2	0	0	0	1	0	1	2	7	133.2
HOWARD	0	5	0	1	0	0	0	0	0	0	0	6	67.3
HUDSPETH	0	0	0	0	0	0	0	0	0	0	0	0	0.0
HUNT	1	4	3	6	1	1	0	0	0	1	5	12	66.0
HUTCHINSON	2	5	0	1	1	1	0	0	0	0	3	7	100.7
IRION	0	0	0	0	0	0	0	0	0	0	0	0	0.0
JACK	1	1	0	0	0	0	0	0	0	0	1	1	51.7



	NATURAL		ACCIDENT		SUICIDE		HOMICIDE		OTHER		TOTAL		RATE PER 100,000**
	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	
MATAGORDA	2	6	2	1	0	0	0	0	0	0	4	7	60.7
MAVERICK	4	9	4	1	0	0	0	0	0	1	8	11	68.8
MEDINA	2	5	2	2	0	0	0	1	0	0	4	8	88.0
MENARD	0	0	1	1	0	0	0	0	0	0	1	1	166.1
MIDLAND	7	20	5	7	0	0	0	2	1	1	13	30	82.2
MILAM	2	2	1	2	0	0	0	0	0	0	3	4	60.6
MILLS	0	1	0	0	0	0	0	0	0	0	0	1	89.9
MITCHELL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
MONTAGUE	1	2	0	1	0	0	1	0	0	0	2	3	68.0
MONTGOMERY	19	29	12	12	2	2	0	0	1	1	34	44	62.7
MOORE	2	4	1	2	1	1	0	0	0	0	4	7	108.4
MORRIS	0	0	0	3	0	0	0	0	0	0	0	3	85.3
MOTLEY	0	0	0	0	0	0	0	0	0	0	0	0	0.0
NACOGDOCHES	7	16	2	4	0	0	0	0	0	0	9	20	134.8
NAVARRO	1	5	1	1	0	0	0	0	1	1	3	7	61.6
NEWTON	0	2	1	2	0	0	0	0	1	2	2	6	158.1
NOLAN	1	2	1	2	0	0	0	0	0	0	2	4	89.8
NUECES	87	40	10	8	3	2	14	13	0	0	114	63	68.7
OCHILTREE	0	1	1	1	0	0	0	0	0	0	1	2	74.1
OLDHAM	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ORANGE	2	12	3	6	2	3	1	1	0	0	8	22	95.4
PALO PINTO	3	5	4	5	0	0	1	1	0	2	8	13	187.5
PANOLA	1	0	1	3	0	0	0	0	0	0	2	3	52.5
PARKER	2	10	1	1	1	1	0	0	3	3	7	15	76.3
PARMER	0	2	0	0	0	0	0	0	0	0	0	2	61.0
PECOS	1	1	1	0	0	0	0	0	0	0	2	1	21.8
POLK	3	7	2	2	0	1	0	0	0	0	5	10	104.5
POTTER	43	17	12	6	0	0	3	4	3	1	61	28	84.4
PRESIDIO	0	0	1	0	0	0	0	0	0	0	1	0	0.0
RAINS	0	2	0	2	0	0	0	0	0	0	0	4	228.3
RANDALL	3	12	1	4	1	1	0	0	0	1	5	18	68.1
REAGAN	0	0	0	0	0	0	0	0	0	0	0	0	0.0
REAL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
RED RIVER	0	1	1	1	1	1	0	0	0	0	2	3	87.4
REEVES	1	1	1	1	0	0	0	0	0	0	2	2	43.1
REFUGIO	0	0	0	1	0	0	0	0	0	0	0	1	47.3
ROBERTS	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ROBERTSON	1	3	0	0	1	1	0	0	0	0	2	4	89.3
ROCKWALL	0	1	6	6	0	0	1	0	1	0	8	7	71.8
RUNNELS	0	0	1	1	0	0	0	0	0	0	1	1	31.9
RUSK	3	6	5	5	1	1	0	0	0	0	9	12	102.5



	NATURAL		ACCIDENT		SUICIDE		HOMICIDE		OTHER		TOTAL		RATE PER 100,000**
	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	
WICHITA	17	28	3	4	0	0	1	3	3	3	24	38	108.7
WILBARGER	2	2	0	0	0	0	0	0	0	0	2	2	49.3
WILLACY	0	3	0	1	0	0	0	0	0	0	0	4	60.2
WILLIAMSON	8	19	6	7	0	0	0	2	3	4	17	32	54.3
WILSON	0	1	2	1	0	0	0	0	0	0	2	2	25.6
WINKLER	0	0	0	0	0	0	0	0	0	0	0	0	0.0
WISE	2	2	4	3	0	0	0	0	0	1	6	6	56.7
WOOD	0	3	1	1	0	0	0	1	1	1	2	6	75.9
YOAKUM	1	2	0	0	0	0	0	0	0	0	1	2	74.1
YOUNG	1	1	0	1	0	0	0	0	0	0	1	2	44.1
ZAPATA	0	2	0	0	0	0	0	0	0	0	0	2	55.5
ZAVALA	0	0	1	1	0	0	0	0	0	0	1	1	25.0
<b>TEXAS</b>	<b>2575</b>	<b>2534</b>	<b>848</b>	<b>818</b>	<b>105</b>	<b>104</b>	<b>206</b>	<b>205</b>	<b>304</b>	<b>305</b>	<b>4038</b>	<b>3966</b>	<b>71.7</b>

\* Source: Bureau of Vital Statistics, Texas Department of Health

\*\* Denominator taken from 1996 population estimates (rev 8/98) supplied by Texas A&M University, and Texas Data Center

**APPENDIX B  
COUNTY TABLES, 1997**

<b>TEXAS OCCURRENCE/RESIDENCE DEATHS - 1997</b>													
<b>BIRTH - 17 YEARS*</b>													
	<b>NATURAL</b>		<b>ACCIDENT</b>		<b>SUICIDE</b>		<b>HOMICIDE</b>		<b>OTHER</b>		<b>TOTAL</b>		<b>RATE PER 100,000**</b>
	<b>OCCUR</b>	<b>RES</b>	<b>OCCUR</b>	<b>RES</b>	<b>OCCUR</b>	<b>RES</b>	<b>OCCUR</b>	<b>RES</b>	<b>OCCUR</b>	<b>RES</b>	<b>OCCUR</b>	<b>RES</b>	
ANDERSON	5	7	4	4	1	1	0	0	0	0	10	12	104.8
ANDREWS	3	4	0	0	0	0	0	0	0	1	3	5	102.5
ANGELINA	7	13	5	5	0	0	0	0	1	1	13	19	93.6
ARANSAS	0	1	1	0	0	0	1	1	0	0	2	2	44.4
ARCHER	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ARMSTRONG	0	0	1	0	0	0	0	0	0	0	1	0	0.0
ATASCOSA	0	3	3	1	0	1	0	0	2	2	5	7	63.5
AUSTIN	1	5	1	4	0	0	0	1	0	0	2	10	192.3
BAILEY	0	0	0	1	0	0	0	0	0	0	0	1	46.0
BANDERA	0	2	1	2	0	0	0	0	0	0	1	4	141.0
BASTROP	0	5	3	1	1	1	0	0	0	0	4	7	53.3
BAYLOR	0	0	0	0	0	0	0	0	0	0	0	0	0.0
BEE	0	2	1	0	0	0	0	0	0	0	1	2	24.6
BELL	46	36	16	11	2	2	6	4	2	4	72	57	88.3
BEXAR	237	163	45	45	7	5	20	21	51	49	360	283	73.2
BLANCO	0	3	2	0	0	0	0	0	0	0	2	3	185.6
BORDEN	0	0	0	0	0	0	0	0	0	0	0	0	0.0
BOSQUE	3	6	2	3	0	0	0	0	0	0	5	9	234.7
BOWIE	17	15	8	7	0	0	2	1	2	0	29	23	103.9
BRAZORIA	10	30	5	9	1	1	1	1	1	1	18	42	62.1
BRAZOS	11	12	7	3	0	0	0	1	3	3	21	19	55.7
BREWSTER	0	0	1	2	0	0	0	0	1	1	2	3	127.9
BRISCOE	0	0	0	0	0	0	0	0	0	0	0	0	0.0
BROOKS	1	0	0	1	0	0	0	0	0	0	1	1	34.9
BROWN	1	9	2	2	0	0	0	0	1	1	4	12	139.0
BURLESON	1	3	0	0	0	0	0	0	0	0	1	3	78.0
BURNET	0	0	3	3	1	1	0	0	0	0	4	4	65.0
CALDWELL	1	2	1	1	0	0	0	0	0	1	2	4	47.2
CALHOUN	0	1	2	1	0	0	0	0	0	0	2	2	35.4
CALLAHAN	0	0	0	0	0	0	0	0	0	0	0	0	0.0
CAMERON	29	45	12	11	1	1	1	1	0	0	43	58	55.0
CAMP	0	0	1	0	0	0	0	0	0	0	1	0	0.0
CARSON	1	1	0	0	0	0	0	0	0	0	1	1	58.1
CASS	3	6	4	8	0	0	0	0	0	0	7	14	179.8
CASTRO	0	1	0	1	0	0	0	0	0	0	0	2	63.4
CHAMBERS	3	3	6	1	0	0	2	1	0	0	11	5	91.1
CHEROKEE	5	6	4	6	0	0	0	0	0	0	9	12	108.6



	NATURAL		ACCIDENT		SUICIDE		HOMICIDE		OTHER		TOTAL		RATE PER 100,000**
	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	
FORT BEND	13	33	5	10	1	1	2	2	0	0	21	46	51.6
FRANKLIN	0	0	0	0	0	0	0	0	0	0	0	0	0.0
FREESTONE	0	0	0	1	0	0	0	0	0	0	0	1	25.8
FRIO	1	2	1	1	1	1	0	0	0	0	3	4	81.8
GAINES	1	3	0	0	0	0	0	0	0	0	1	3	59.1
GALVESTON	82	24	13	6	3	3	1	3	5	4	104	40	64.2
GARZA	0	1	1	0	0	0	0	0	0	0	1	1	66.6
GILLESPIE	2	3	0	0	0	1	0	0	0	0	2	4	99.9
GLASSCOCK	0	0	0	0	0	0	0	0	0	0	0	0	0.0
GOLIAD	0	0	0	0	1	1	0	0	0	0	1	1	61.1
GONZALES	0	0	3	1	0	0	0	0	0	0	3	1	19.4
GRAY	1	3	2	2	1	1	0	0	0	0	4	6	103.1
GRAYSON	6	12	4	5	0	0	0	0	2	2	12	19	78.7
GREGG	11	20	9	7	0	0	0	0	1	0	21	27	92.1
GRIMES	0	1	1	2	0	0	0	0	0	0	1	3	55.2
GUADALUPE	1	5	4	5	0	0	0	0	0	1	5	11	49.3
HALE	1	3	0	2	0	1	0	0	0	0	1	6	53.2
HALL	0	0	0	2	0	0	0	0	0	0	0	2	229.6
HAMILTON	0	1	0	0	0	0	0	0	2	3	2	4	240.2
HANSFORD	0	0	0	0	0	0	0	0	0	0	0	0	0.0
HARDEMAN	0	0	1	1	0	0	0	0	0	0	1	1	78.2
HARDIN	1	3	4	4	0	0	0	0	0	1	5	8	68.7
HARRIS	507	422	118	106	13	11	46	44	45	48	729	631	68.4
HARRISON	2	7	3	4	0	0	0	0	0	1	5	12	71.6
HARTLEY	1	0	1	0	0	0	0	0	0	0	2	0	0.0
HASKELL	0	1	1	1	0	0	0	0	0	0	1	2	122.0
HAYS	4	7	2	4	0	0	0	0	1	1	7	12	60.0
HEMPHILL	0	0	0	1	0	0	0	0	0	0	0	1	98.3
HENDERSON	1	6	2	5	0	0	0	0	2	2	5	13	81.4
HIDALGO	75	89	21	25	3	3	1	1	0	0	100	118	68.1
HILL	3	6	1	3	0	0	1	0	0	0	5	9	123.8
HOCKLEY	1	1	1	0	1	2	0	1	0	0	3	4	53.4
HOOD	1	3	2	3	0	0	1	1	0	0	4	7	74.6
HOPKINS	0	1	6	5	0	0	0	0	0	0	6	6	79.2
HOUSTON	1	3	5	5	0	0	0	0	1	1	7	9	167.3
HOWARD	2	7	0	0	0	0	0	0	0	0	2	7	81.9
HUDSPETH	0	0	5	0	0	0	0	0	0	0	5	0	0.0
HUNT	5	8	5	2	0	0	0	0	5	7	15	17	89.6
HUTCHINSON	2	8	0	0	1	1	0	0	0	0	3	9	130.8
IRION	0	0	0	0	0	0	0	0	0	0	0	0	0.0
JACK	0	0	0	0	0	0	0	0	0	1	0	1	54.9



	NATURAL		ACCIDENT		SUICIDE		HOMICIDE		OTHER		TOTAL		RATE PER 100,000**
	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	
MATAGORDA	5	9	1	1	0	0	0	0	0	0	6	10	85.8
MAVERICK	3	10	0	1	0	0	1	2	0	0	4	13	84.0
MEDINA	0	1	1	1	0	0	0	0	2	2	3	4	44.6
MENARD	0	1	1	0	0	0	0	0	0	0	1	1	176.7
MIDLAND	14	29	2	2	0	0	1	1	1	0	18	32	86.1
MILAM	0	0	1	1	0	0	1	1	0	0	2	2	32.1
MILLS	0	0	0	0	1	1	0	0	0	0	1	1	98.8
MITCHELL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
MONTAGUE	1	1	1	3	0	0	0	0	0	0	2	4	102.9
MONTGOMERY	20	34	13	16	1	1	1	0	1	1	36	52	83.6
MOORE	1	6	0	1	0	0	0	0	0	0	1	7	116.2
MORRIS	0	0	1	1	0	0	0	1	0	1	1	3	89.8
MOTLEY	0	0	0	0	0	0	0	0	0	0	0	0	0.0
NACOGDOCHES	3	9	3	4	1	1	0	0	0	0	7	14	99.9
NAVARRO	3	10	4	3	0	0	0	0	0	0	7	13	112.0
NEWTON	0	2	1	1	0	0	0	0	0	0	1	3	78.6
NOLAN	0	0	1	1	0	0	0	0	0	0	1	1	21.8
NUECES	101	45	11	9	5	4	5	1	1	1	123	60	64.8
OCHILTREE	0	0	0	0	0	0	0	0	1	1	1	1	37.7
OLDHAM	0	0	1	1	0	0	0	0	0	0	1	1	189.8
ORANGE	6	11	8	10	0	0	0	0	0	0	14	21	93.4
PALO PINTO	3	7	0	1	0	0	0	0	1	0	4	8	113.9
PANOLA	0	2	5	6	0	0	0	0	0	0	5	8	132.6
PARKER	2	10	1	2	0	0	0	0	3	1	6	13	55.1
PARMER	0	4	2	3	1	1	0	0	0	0	3	8	242.6
PECOS	3	7	3	4	2	2	0	0	0	0	8	13	263.1
POLK	2	7	2	3	1	1	0	0	0	1	5	12	155.8
POTTER	56	31	12	3	0	0	4	4	4	3	76	41	140.8
PRESIDIO	0	0	0	0	0	0	0	0	0	0	0	0	0.0
RAINS	0	0	0	1	0	0	0	0	0	0	0	1	55.5
RANDALL	1	10	1	3	0	1	0	0	0	1	2	15	56.2
REAGAN	0	0	0	0	0	0	0	0	0	0	0	0	0.0
REAL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
RED RIVER	0	0	0	1	0	0	0	0	0	0	0	1	30.8
REEVES	0	1	0	0	0	0	0	0	0	0	0	1	19.9
REFUGIO	1	1	0	0	0	0	1	1	0	0	2	2	95.3
ROBERTS	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ROBERTSON	0	0	3	2	0	0	0	0	0	0	3	2	43.5
ROCKWALL	1	1	0	2	0	0	0	0	6	3	7	6	59.6
RUNNELS	1	2	0	0	0	0	0	0	0	1	1	3	98.5
RUSK	3	7	2	4	2	2	0	0	0	0	7	13	108.6

	NATURAL		ACCIDENT		SUICIDE		HOMICIDE		OTHER		TOTAL		RATE PER 100,000**
	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	
SABINE	0	1	1	3	0	0	0	0	0	0	1	4	202.5
SAN AUGUSTINE	0	1	1	0	0	0	0	0	0	0	1	1	52.2
SAN JACINTO	0	1	1	0	0	0	0	0	0	0	1	1	21.3
SAN PATRICIO	2	9	2	3	1	1	0	0	1	1	6	14	66.8
SAN SABA	0	0	1	0	0	0	0	0	0	1	1	1	74.2
SCHLEICHER	0	0	2	1	0	0	0	0	0	0	2	1	105.9
SCURRY	0	1	1	2	0	0	0	0	0	0	1	3	59.0
SHACKELFORD	0	0	1	1	0	0	0	0	0	0	1	1	126.4
SHELBY	0	1	3	3	0	0	1	1	1	1	5	6	105.4
SHERMAN	0	0	1	0	0	0	0	0	0	0	1	0	0.0
SMITH	14	14	25	15	2	1	2	2	0	1	43	33	80.5
SOMERVELL	1	0	1	0	0	0	0	0	0	0	2	0	0.0
STARR	2	8	2	1	0	0	0	0	1	2	5	11	49.4
STEPHENS	0	1	1	1	1	1	0	0	0	0	2	3	130.9
STERLING	0	0	0	0	0	0	0	0	0	0	0	0	0.0
STONEWALL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SUTTON	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SWISHER	0	0	0	0	1	1	0	0	0	0	1	1	42.6
TARRANT	243	171	39	26	4	4	12	11	73	64	371	276	72.0
TAYLOR	19	23	5	5	0	0	0	0	4	4	28	32	93.3
TERRELL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TERRY	1	3	0	0	0	0	0	0	0	0	1	3	73.3
THROCKMORTON	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TITUS	2	3	2	2	0	1	1	1	2	1	7	8	112.1
TOM GREEN	12	17	3	2	1	1	0	0	1	0	17	20	68.7
TRAVIS	122	94	35	26	1	1	4	4	2	3	164	128	75.7
TRINITY	2	5	0	1	1	1	0	0	0	0	3	7	249.2
TYLER	0	3	2	3	0	0	0	0	0	0	2	6	148.7
UPSHUR	2	3	1	2	1	1	0	0	2	1	6	7	82.4
UPTON	0	0	0	0	0	0	0	0	0	0	0	0	0.0
UVALDE	1	4	0	0	1	1	0	0	1	0	3	5	62.6
VAL VERDE	4	7	2	2	0	0	0	0	1	2	7	11	77.6
VAN ZANDT	0	2	2	4	0	0	0	0	0	0	2	6	59.0
VICTORIA	4	12	6	9	1	1	0	0	0	0	11	22	96.9
WALKER	4	4	2	2	0	0	0	0	1	1	7	7	68.7
WALLER	0	2	1	1	0	0	0	1	0	1	1	5	77.6
WARD	0	3	4	2	0	0	0	0	0	0	4	5	127.5
WASHINGTON	3	5	1	0	0	0	0	0	0	0	4	5	73.1
WEBB	24	33	5	4	1	1	2	2	0	1	32	41	65.2
WHARTON	1	4	2	2	0	0	0	0	0	0	3	6	50.9
WHEELER	1	3	0	0	0	0	0	0	0	0	1	3	224.4

	NATURAL		ACCIDENT		SUICIDE		HOMICIDE		OTHER		TOTAL		RATE PER 100,000**
	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	OCCUR	RES	
WICHITA	11	14	5	4	0	0	1	1	3	3	20	22	65.9
WILBARGER	1	1	0	0	0	0	0	0	0	0	1	1	25.5
WILLACY	0	3	0	0	0	0	0	0	0	0	0	3	45.6
WILLIAMSON	5	21	13	26	1	1	2	2	2	2	23	52	86.0
WILSON	0	1	1	1	0	0	0	0	0	0	1	2	24.1
WINKLER	1	1	0	0	0	0	0	0	0	0	1	1	36.7
WISE	3	5	5	6	1	1	0	0	0	1	9	13	120.7
WOOD	1	2	4	5	0	0	0	0	1	1	6	8	109.4
YOAKUM	0	1	0	0	1	1	0	0	0	0	1	2	67.9
YOUNG	0	0	0	0	0	0	0	0	0	1	0	1	22.1
ZAPATA	0	2	0	0	0	0	0	0	0	0	0	2	48.9
ZAVALA	0	0	2	1	0	0	0	0	0	0	2	1	22.7
<b>TEXAS</b>	<b>2493</b>	<b>2470</b>	<b>848</b>	<b>830</b>	<b>102</b>	<b>102</b>	<b>179</b>	<b>181</b>	<b>347</b>	<b>352</b>	<b>3969</b>	<b>3935</b>	<b>71.8</b>

\* Source: Bureau of Vital Statistics, Texas Department of Health

\*\* Denominator taken from 1997 population projections (rev 8/98) supplied by Texas A&M University, Texas Data Center

**APPENDIX C**  
**REVIEWED DEATHS by COUNTY, 1996**

CASES REVIEWED BY CHILD FATALITY REVIEW TEAMS 1996 DERIVED FROM ICD9CODES						
	NATURAL	ACCIDENT	SUICIDE	HOMICIDE	OTHER	TOTAL
BASTROP	0	2	1	1	0	4
BEXAR	20	44	3	19	13	99
BRAZOS	12	7	0	0	1	20
COLLIN	6	9	0	0	4	19
COMAL	0	1	1	0	1	3
DALLAS	178	116	11	40	50	395
ECTOR	16	3	0	3	3	25
EL PASO	0	0	0	0	0	0
GALVESTON	83	22	0	2	6	113
HARDIN	0	0	0	0	0	0
HARRIS	83	117	17	32	47	296
HILL COUNTRY	11	4	0	0	0	15
HUNT	0	0	0	0	0	0
JEFFERSON	26	10	2	2	6	46
LEON/MADISON	0	0	0	0	0	0
LOWER RIO GRANDE	9	3	0	2	6	20
MCLENNAN	21	14	0	1	9	45
NUECES	3	9	2	5	2	21
PANHANDLE	53	24	2	4	5	88
SMITH	0	0	0	0	0	0
SOUTH PLAINS	54	11	5	5	7	82
TARRANT	24	57	15	13	24	133
TRAVIS	61	26	0	7	13	107
TRI-COUNTY	8	10	2	2	1	23
WICHITA	25	4	0	2	3	34
WILLIAMSON	12	4	0	1	1	18
<b>TOTAL</b>	<b>705</b>	<b>497</b>	<b>61</b>	<b>141</b>	<b>202</b>	<b>1606</b>

**APPENDIX D  
REVIEWED DEATHS by COUNTY, 1997**

CASES REVIEWED BY CHILD FATALITY REVIEW TEAMS 1997 DERIVED FROM ICD9CODES						
	NATURAL	ACCIDENT	SUICIDE	HOMICIDE	OTHER	TOTAL
BASTROP	4	2	1	0	1	8
BEXAR	15	56	8	13	26	118
BRAZOS	13	6	0	1	3	23
COLLIN	1	9	3	0	7	20
COMAL	0	5	1	0	1	7
DALLAS	221	61	7	35	47	371
ECTOR	17	3	1	1	1	23
EL PASO	0	0	0	0	0	0
GALVESTON	28	8	5	1	3	45
HARDIN	0	2	0	0	0	2
HARRIS	126	106	11	38	50	331
HILL COUNTRY	7	6	0	1	1	15
HUNT	2	4	1	0	4	11
JEFFERSON	21	10	2	3	1	37
LEON/MADISON	0	0	1	0	0	1
LOWER RIO GRANDE	15	3	0	0	4	22
MCLENNAN	20	15	0	4	4	43
NUECES	4	11	4	3	3	25
PANHANDLE	68	20	3	2	5	98
SMITH	0	0	0	0	0	0
SOUTH PLAINS	50	22	9	1	3	85
TARRANT	30	59	9	14	40	152
TRAVIS	85	29	2	5	11	132
TRI-COUNTY	5	15	2	1	1	24
WICHITA	16	4	0	0	1	21
WILLIAMSON	16	22	1	1	2	42
<b>TOTAL</b>	<b>764</b>	<b>478</b>	<b>71</b>	<b>124</b>	<b>219</b>	<b>1656</b>